

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
 Data File : VD077438.D
 Acq On : 30 Oct 2023 10:14
 Operator : JC/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 31 03:54:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 03:41:55 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	354092	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	620201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	556043	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	246666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	52198	10.425	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.840%#
35) Dibromofluoromethane	7.810	113	44372	10.351	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.700%#
50) Toluene-d8	10.269	98	173982	10.449	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	20.900%#
62) 4-Bromofluorobenzene	12.575	95	57526	10.258	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	20.520%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	30806	10.790	ug/l	96
3) Chloromethane	2.152	50	43933	9.692	ug/l	99
4) Vinyl Chloride	2.287	62	41665	9.426	ug/l	96
5) Bromomethane	2.693	94	22982	9.922	ug/l	99
6) Chloroethane	2.840	64	29489	9.909	ug/l	92
7) Trichlorofluoromethane	3.181	101	62465	10.091	ug/l	92
8) Diethyl Ether	3.593	74	23504	10.563	ug/l	# 53
9) 1,1,2-Trichlorotrifluo...	3.975	101	37073	9.921	ug/l	95
10) Methyl Iodide	4.163	142	36189	10.333	ug/l	# 90
11) Tert butyl alcohol	5.046	59	20793	52.425	ug/l	# 73
12) 1,1-Dichloroethene	3.946	96	34572	9.772	ug/l	# 52
13) Acrolein	3.793	56	28087	53.701	ug/l	99
14) Allyl chloride	4.563	41	85816	10.055	ug/l	# 83
15) Acrylonitrile	5.252	53	62499	51.959	ug/l	97
16) Acetone	4.028	43	67337	50.823	ug/l	# 76
17) Carbon Disulfide	4.275	76	74619	10.080	ug/l	# 93
18) Methyl Acetate	4.563	43	46687	9.660	ug/l	# 79
19) Methyl tert-butyl Ether	5.316	73	115906	10.437	ug/l	# 91
20) Methylene Chloride	4.805	84	55281	9.122	ug/l	# 71
21) trans-1,2-Dichloroethene	5.316	96	39590	9.609	ug/l	# 71
22) Diisopropyl ether	6.222	45	182537	10.063	ug/l	# 87
23) Vinyl Acetate	6.157	43	388386	49.227	ug/l	# 84
24) 1,1-Dichloroethane	6.116	63	95275	10.123	ug/l	93
25) 2-Butanone	7.081	43	90985	51.484	ug/l	# 79
26) 2,2-Dichloropropane	7.081	77	85814	10.288	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	51945	10.176	ug/l	68
28) Bromochloromethane	7.428	49	32288	9.354	ug/l	# 57
29) Tetrahydrofuran	7.446	42	51804	49.425	ug/l	# 74
30) Chloroform	7.598	83	91645	10.428	ug/l	91
31) Cyclohexane	7.875	56	76252	9.742	ug/l	# 80
32) 1,1,1-Trichloroethane	7.798	97	75384	10.411	ug/l	94
36) 1,1-Dichloropropene	8.004	75	63563	10.001	ug/l	92
37) Ethyl Acetate	7.175	43	34486	9.455	ug/l	# 93
38) Carbon Tetrachloride	7.987	117	61909	10.337	ug/l	90
39) Methylcyclohexane	9.269	83	69839	9.631	ug/l	# 85
40) Benzene	8.251	78	182859	10.090	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	24939	10.686	ug/l #	77
42) 1,2-Dichloroethane	8.328	62	60140	10.477	ug/l	92
43) Isopropyl Acetate	8.363	43	75391	10.016	ug/l #	83
44) Trichloroethene	9.034	130	45106	10.161	ug/l	90
45) 1,2-Dichloropropane	9.304	63	55275	10.360	ug/l	99
46) Dibromomethane	9.393	93	27012	10.520	ug/l #	86
47) Bromodichloromethane	9.587	83	70411	10.375	ug/l	97
48) Methyl methacrylate	9.387	41	36169	10.067	ug/l #	64
49) 1,4-Dioxane	9.375	88	5766	208.985	ug/l #	63
51) 4-Methyl-2-Pentanone	10.163	43	191732	51.752	ug/l #	83
52) Toluene	10.334	92	114742	10.386	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	74406	10.354	ug/l	90
54) cis-1,3-Dichloropropene	10.016	75	84590	10.229	ug/l #	74
55) 1,1,2-Trichloroethane	10.734	97	35041	10.229	ug/l	94
56) Ethyl methacrylate	10.598	69	50967	10.006	ug/l #	61
57) 1,3-Dichloropropane	10.881	76	67225	10.499	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	120582	47.288	ug/l #	86
59) 2-Hexanone	10.922	43	144775	53.046	ug/l	79
60) Dibromochloromethane	11.075	129	43020	10.444	ug/l	92
61) 1,2-Dibromoethane	11.181	107	33462	10.315	ug/l	99
64) Tetrachloroethene	10.810	164	36380	10.276	ug/l	96
65) Chlorobenzene	11.610	112	120077	10.308	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	44208	10.042	ug/l	99
67) Ethyl Benzene	11.687	91	229702	10.248	ug/l	94
68) m/p-Xylenes	11.792	106	166390	20.557	ug/l	81
69) o-Xylene	12.122	106	79745	10.286	ug/l	78
70) Styrene	12.134	104	138341	10.344	ug/l #	88
71) Bromoform	12.304	173	25785	10.565	ug/l #	99
73) Isopropylbenzene	12.422	105	213471	10.615	ug/l	95
74) N-amyl acetate	12.234	43	74089	10.401	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.675	83	42090	10.677	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	56750	17.218	ug/l #	100
77) Bromobenzene	12.704	156	45166	10.203	ug/l	67
78) n-propylbenzene	12.763	91	269800	10.566	ug/l	94
79) 2-Chlorotoluene	12.851	91	154218	10.666	ug/l	88
80) 1,3,5-Trimethylbenzene	12.904	105	178405	10.572	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.469	75	17096	11.000	ug/l #	83
82) 4-Chlorotoluene	12.945	91	161974	10.755	ug/l	88
83) tert-Butylbenzene	13.169	119	151768	10.697	ug/l	89
84) 1,2,4-Trimethylbenzene	13.216	105	179270	10.695	ug/l	93
85) sec-Butylbenzene	13.345	105	232374	10.705	ug/l	94
86) p-Isopropyltoluene	13.463	119	187778	10.642	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	91325	10.495	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	93351	10.738	ug/l	94
89) n-Butylbenzene	13.786	91	194239	10.591	ug/l	97
90) Hexachloroethane	14.057	117	37646	10.426	ug/l	93
91) 1,2-Dichlorobenzene	13.833	146	82230	10.753	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6924	10.426	ug/l	83
93) 1,2,4-Trichlorobenzene	15.098	180	55534	10.571	ug/l	98
94) Hexachlorobutadiene	15.204	225	30233	10.669	ug/l	96
95) Naphthalene	15.333	128	105595	10.537	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	47037	10.373	ug/l	98

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QLast Update : Tue Oct 31 03:41:55 2023
Response via : Initial Calibration

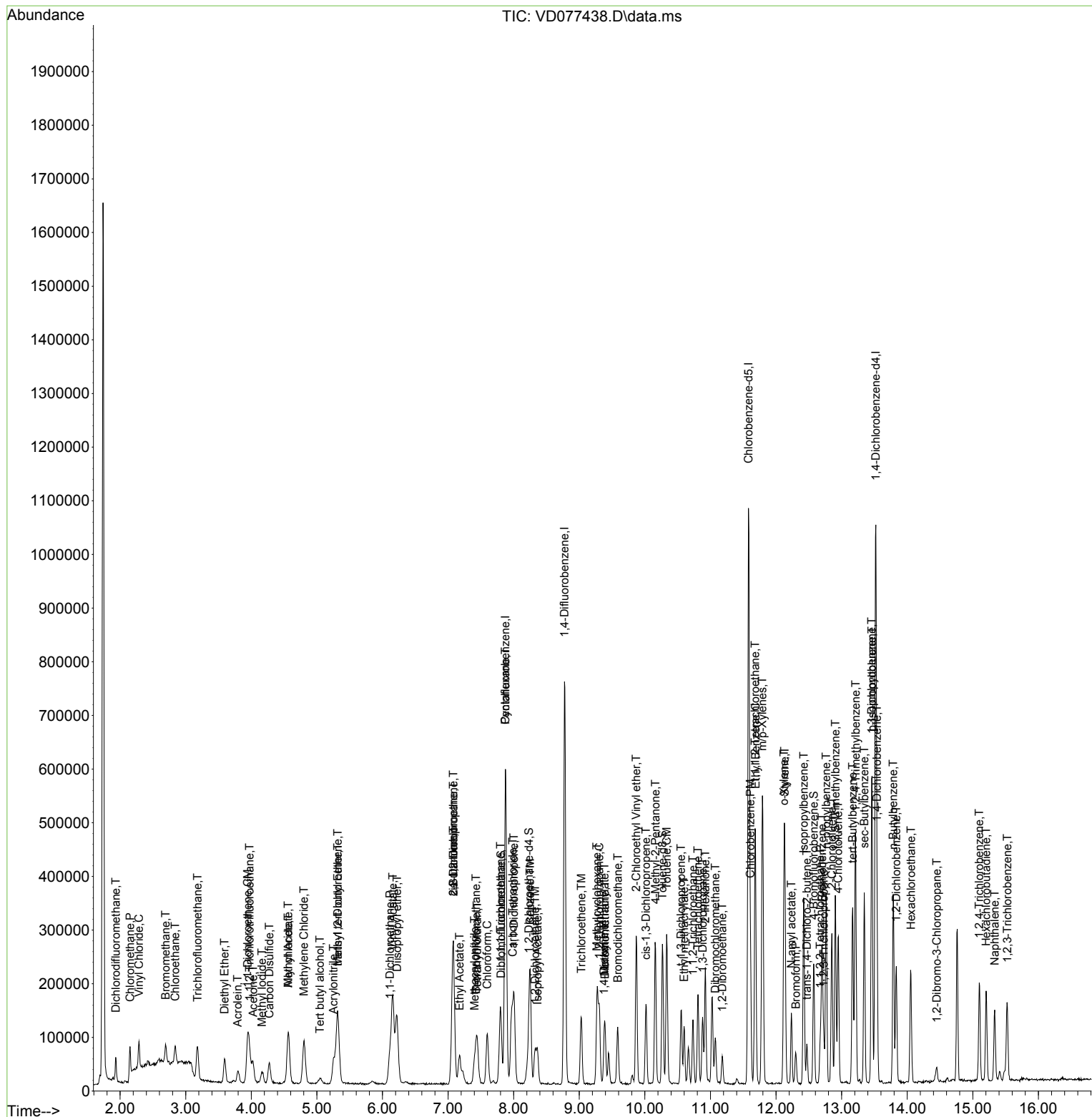
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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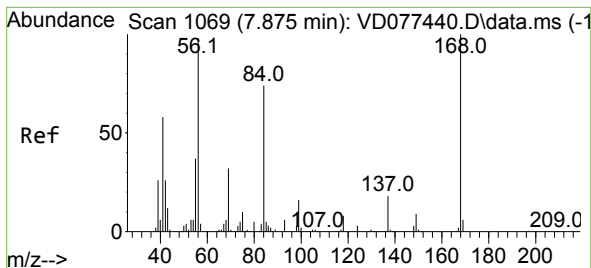
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

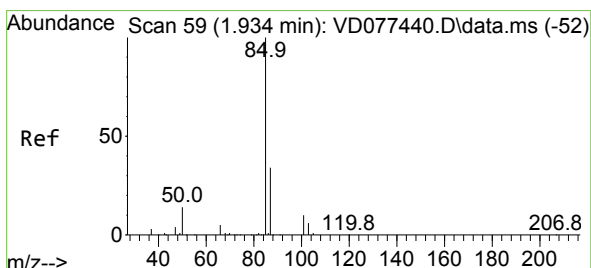
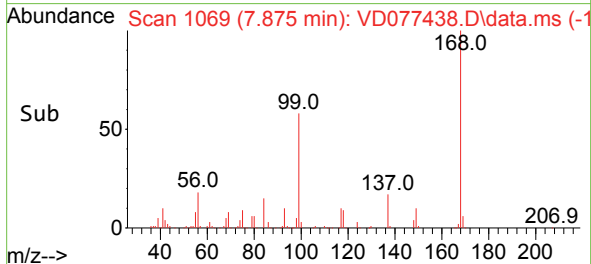
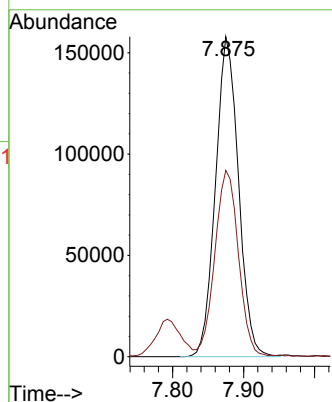
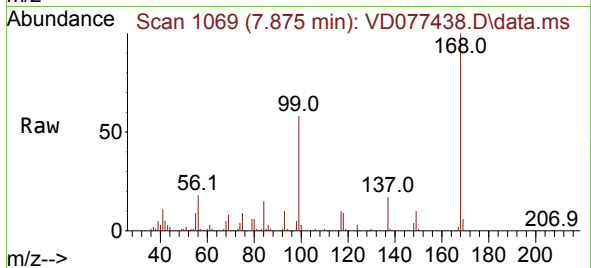
ClientSampleId :

Tgt Ion:168 Resp: 354092

Ion Ratio Lower Upper

168 100

99 57.6 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 10.790 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD077438.D

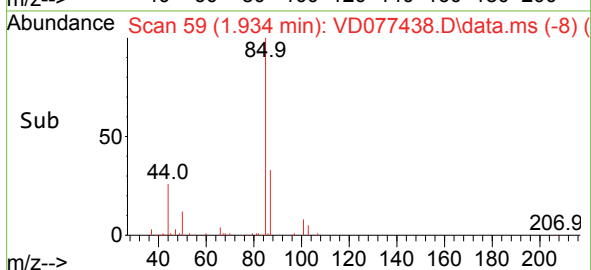
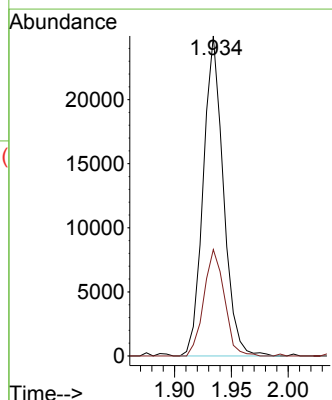
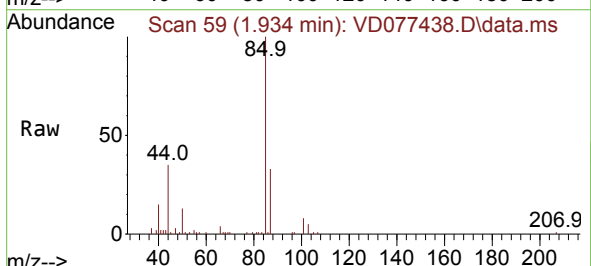
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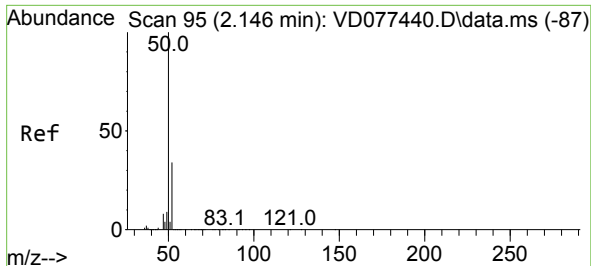
Tgt Ion: 85 Resp: 30806

Ion Ratio Lower Upper

85 100

87 33.2 15.7 47.0

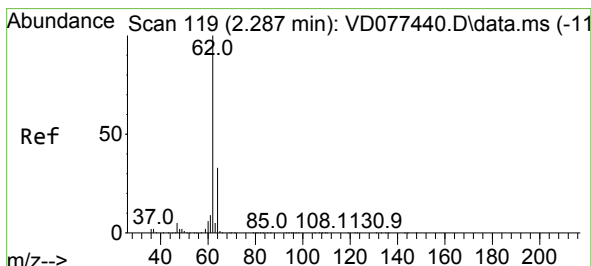
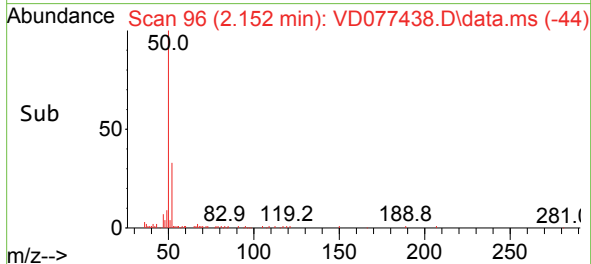
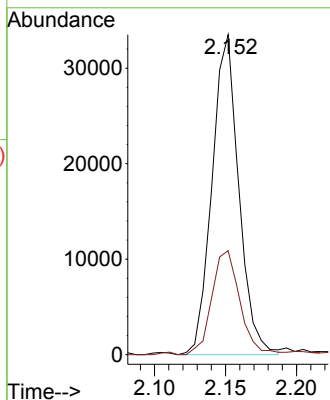
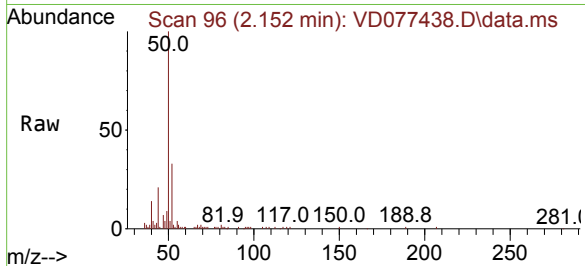




#3
Chloromethane
Concen: 9.692 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

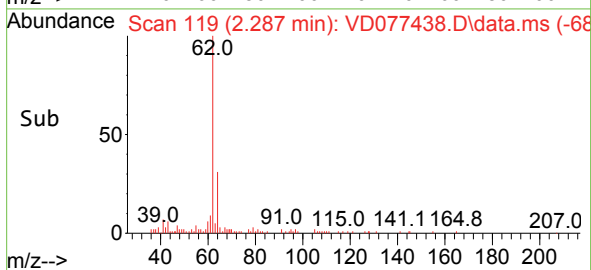
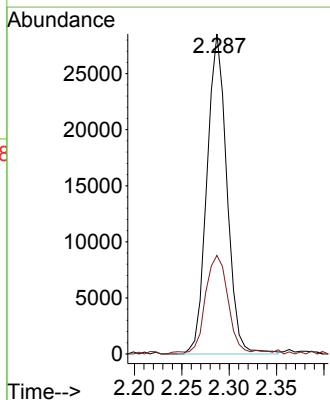
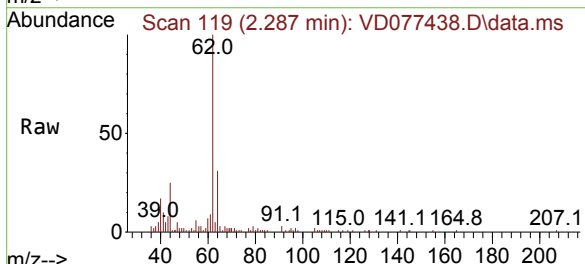
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 43933
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0



#4
Vinyl Chloride
Concen: 9.426 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion: 62 Resp: 41665
Ion Ratio Lower Upper
62 100
64 30.1 26.0 39.0

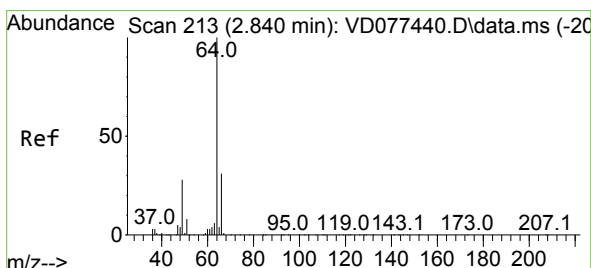
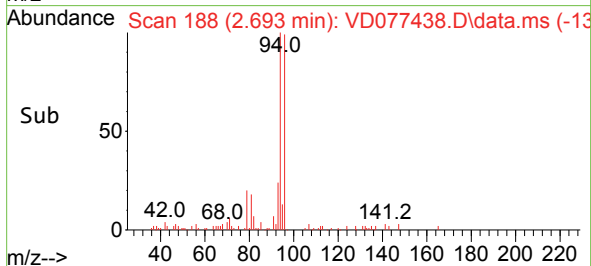
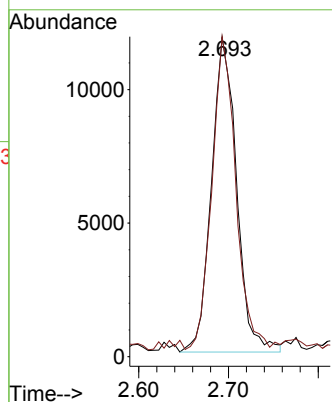
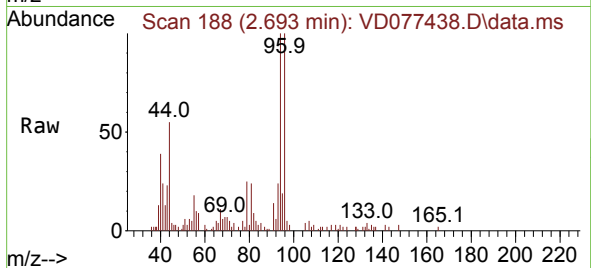




#5
Bromomethane
Concen: 9.922 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

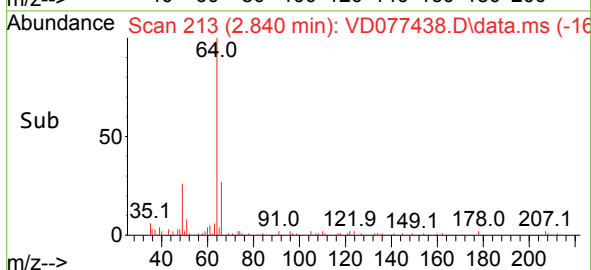
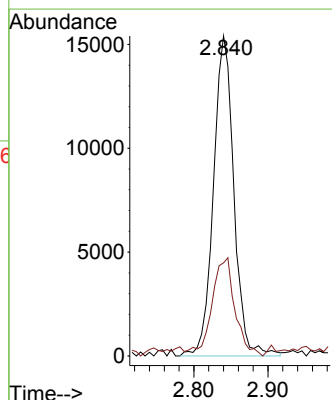
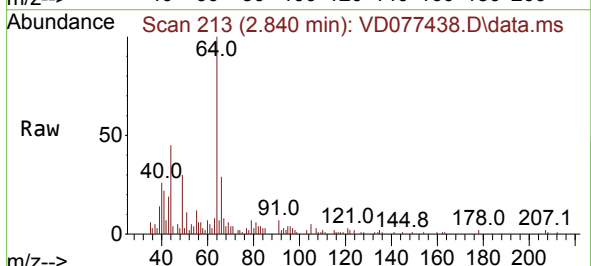
Instrument :
MSVOA_D
ClientSampleId :

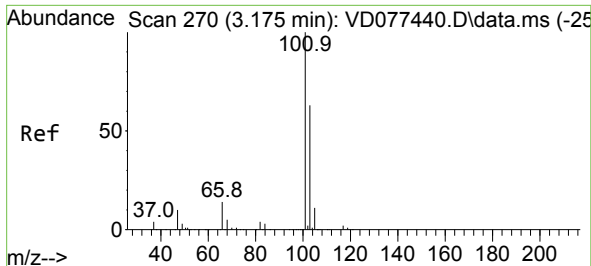
Tgt Ion: 94 Resp: 22982
Ion Ratio Lower Upper
94 100
96 93.9 75.8 113.8



#6
Chloroethane
Concen: 9.909 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion: 64 Resp: 29489
Ion Ratio Lower Upper
64 100
66 27.5 25.5 38.3

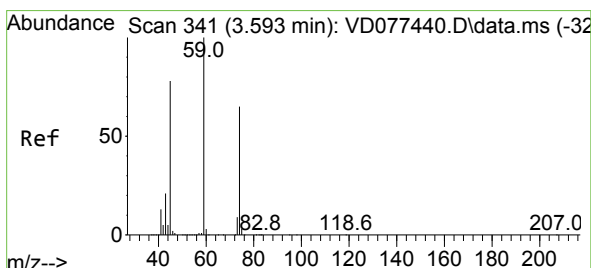
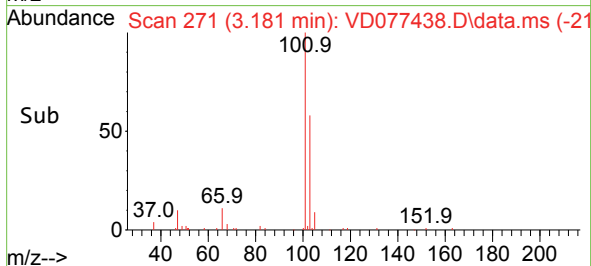
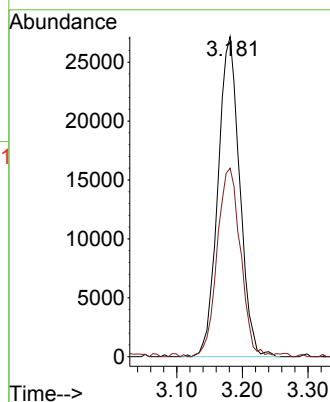
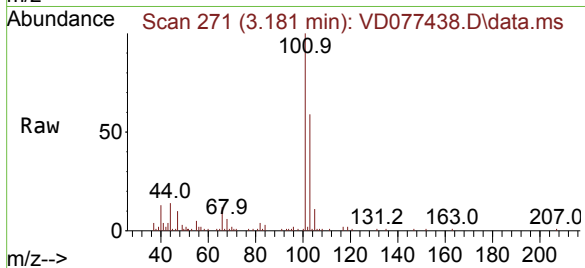




#7
Trichlorofluoromethane
Concen: 10.091 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

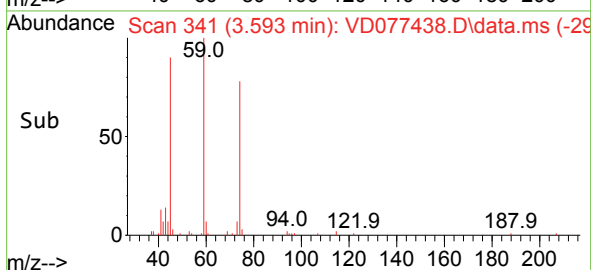
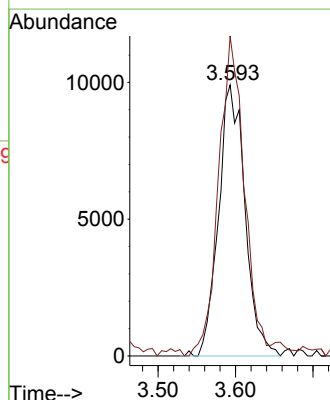
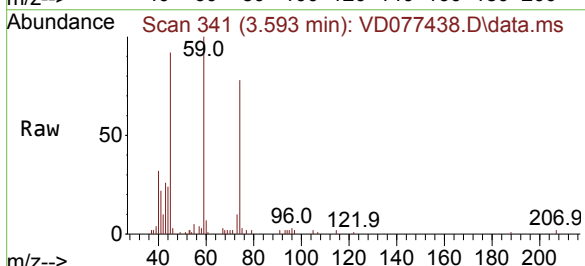
Instrument :
MSVOA_D
ClientSampleId :

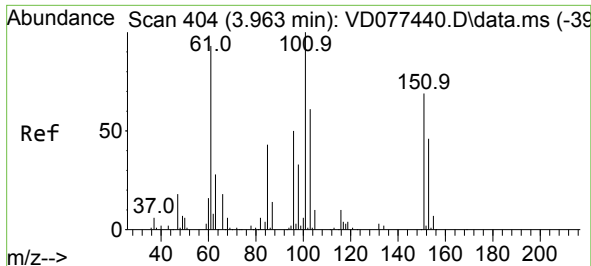
Tgt Ion:101 Resp: 62465
Ion Ratio Lower Upper
101 100
103 58.9 52.3 78.5



#8
Diethyl Ether
Concen: 10.563 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion: 74 Resp: 23504
Ion Ratio Lower Upper
74 100
45 114.8 37.5 112.7#

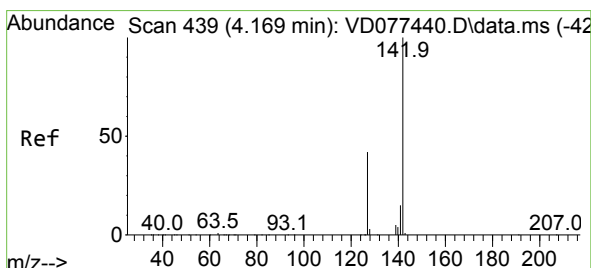
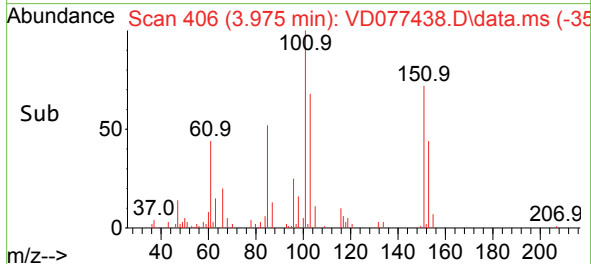
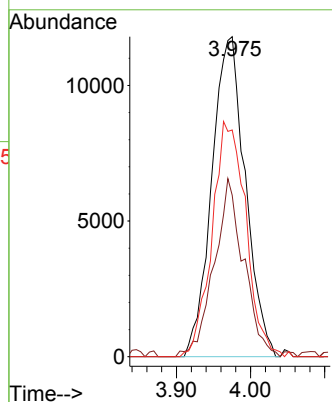
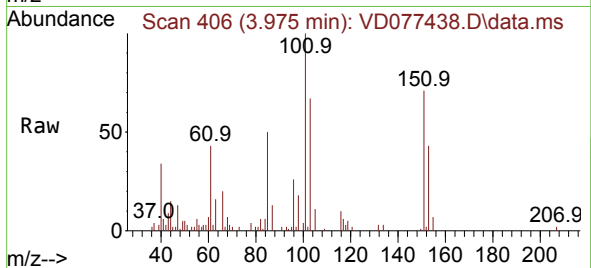




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.921 ug/l
RT: 3.975 min Scan# 404
Delta R.T. 0.012 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

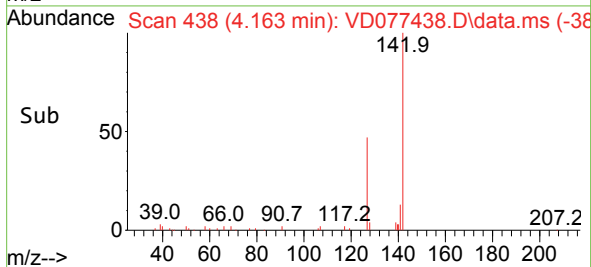
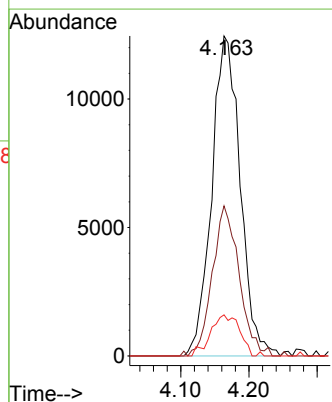
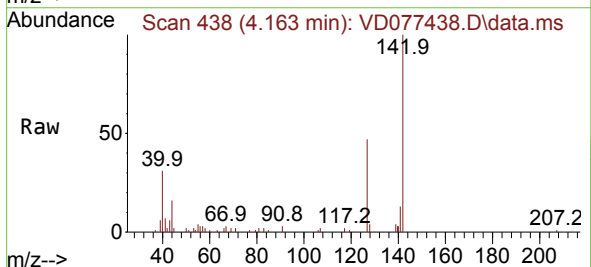
Instrument :
MSVOA_D
ClientSampleId :

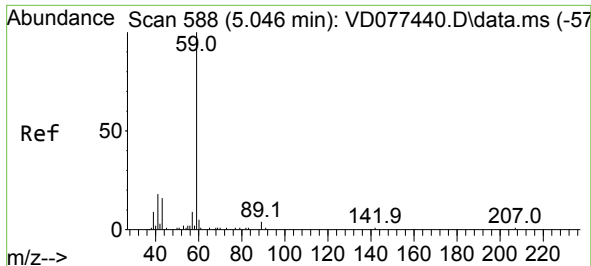
Tgt Ion:101 Resp: 37073
Ion Ratio Lower Upper
101 100
85 49.3 33.8 50.6
151 74.0 59.8 89.6



#10
Methyl Iodide
Concen: 10.333 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

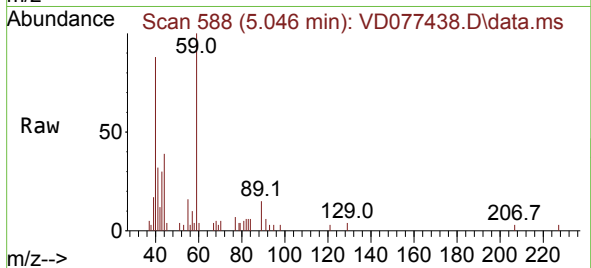
Tgt Ion:142 Resp: 36189
Ion Ratio Lower Upper
142 100
127 44.2 29.4 44.0#
141 13.0 11.1 16.7



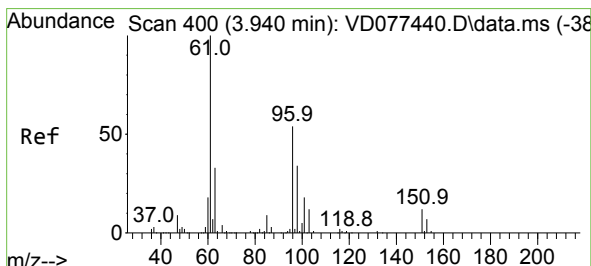
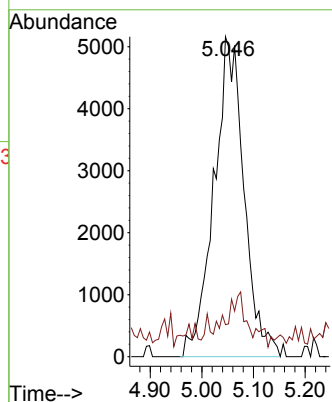
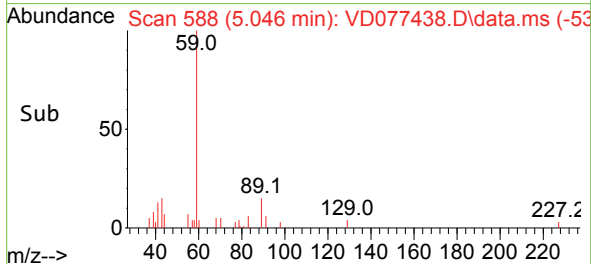


#11
Tert butyl alcohol
Concen: 52.425 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Instrument :
MSVOA_D
ClientSampleId :

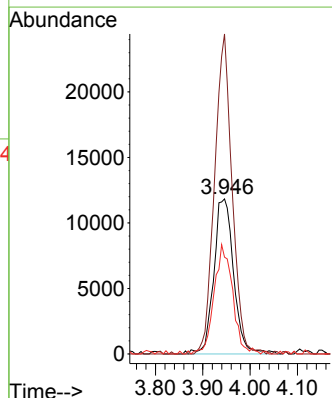
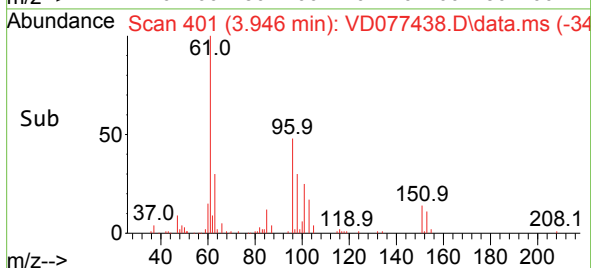
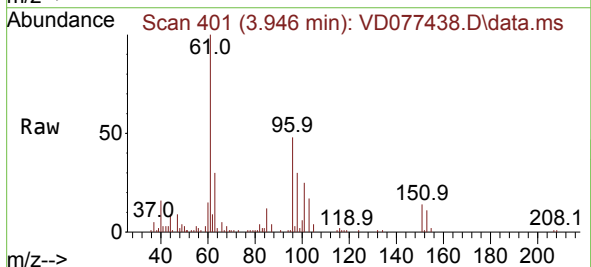


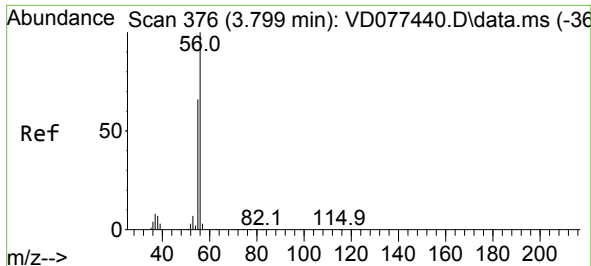
Tgt Ion: 59 Resp: 20793
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 9.772 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion: 96 Resp: 34572
Ion Ratio Lower Upper
96 100
61 206.5 100.6 150.8#
98 60.7 50.2 75.2





#13

Acrolein

Concen: 53.701 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

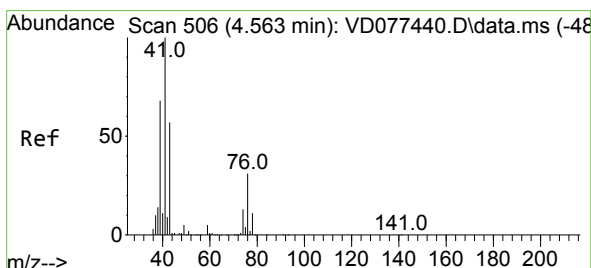
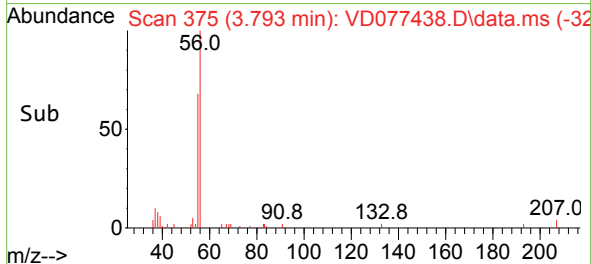
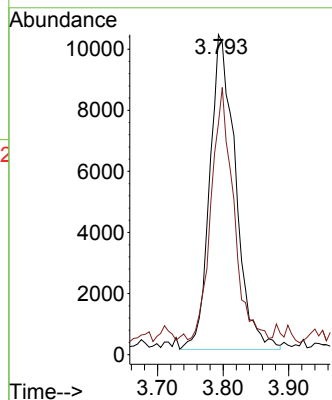
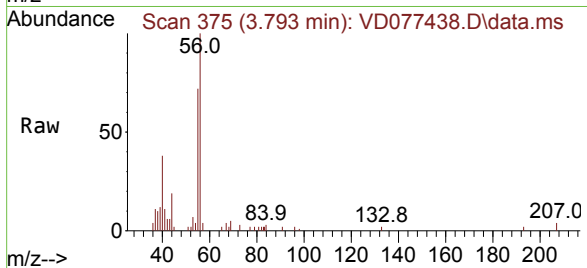
ClientSampleId :

Tgt Ion: 56 Resp: 28087

Ion Ratio Lower Upper

56 100

55 69.8 55.1 82.7



#14

Allyl chloride

Concen: 10.055 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

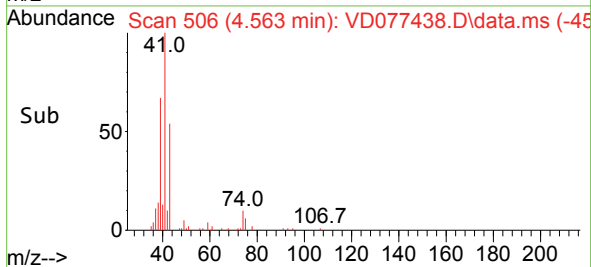
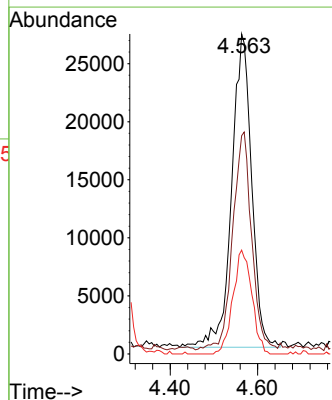
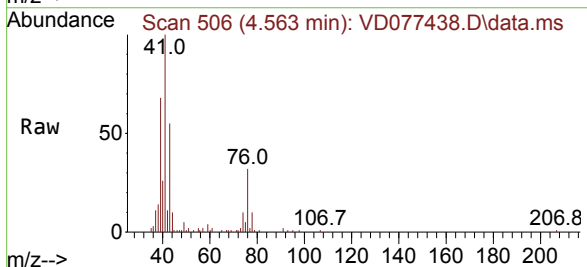
Tgt Ion: 41 Resp: 85816

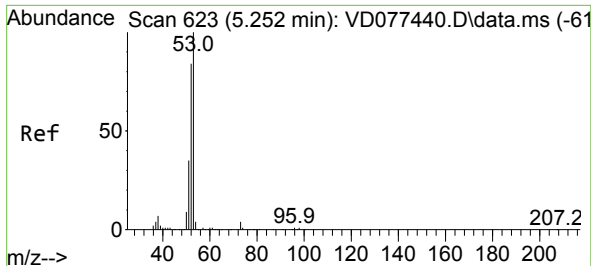
Ion Ratio Lower Upper

41 100

39 65.8 53.8 80.6

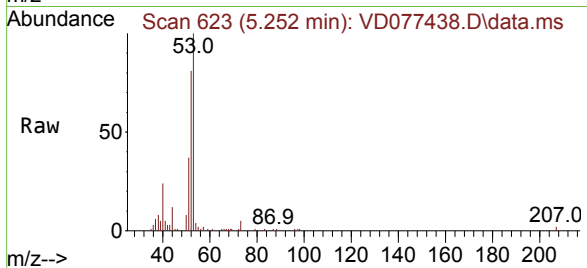
76 31.3 45.8 68.8#



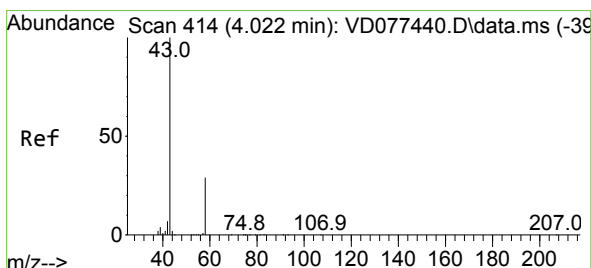
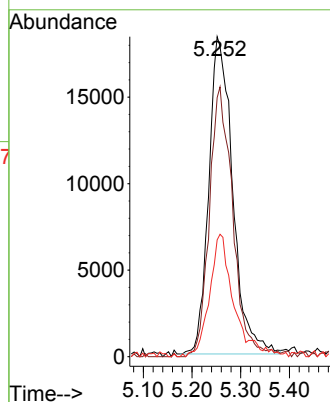
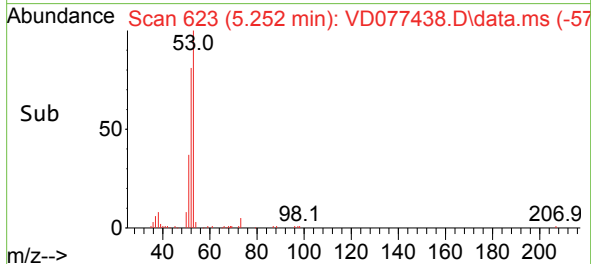


#15
Acrylonitrile
Concen: 51.959 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Instrument :
MSVOA_D
ClientSampleId :

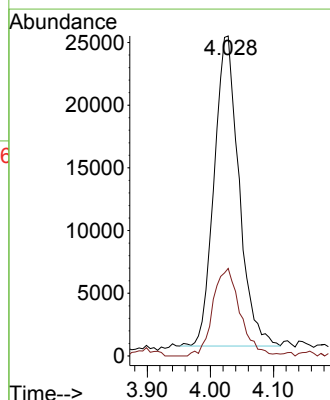
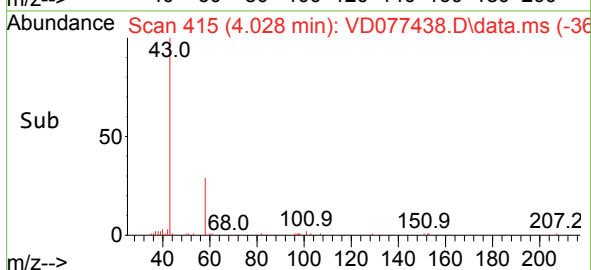
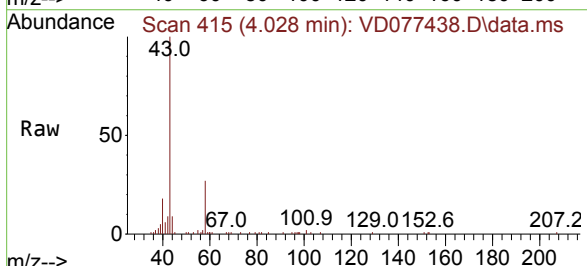


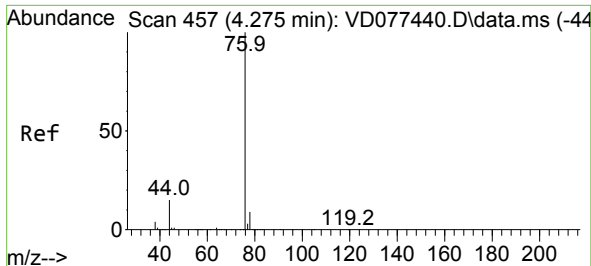
Tgt Ion: 53 Resp: 62499
Ion Ratio Lower Upper
53 100
52 83.1 65.0 97.4
51 38.1 28.3 42.5



#16
Acetone
Concen: 50.823 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion: 43 Resp: 67337
Ion Ratio Lower Upper
43 100
58 28.2 34.7 52.1#

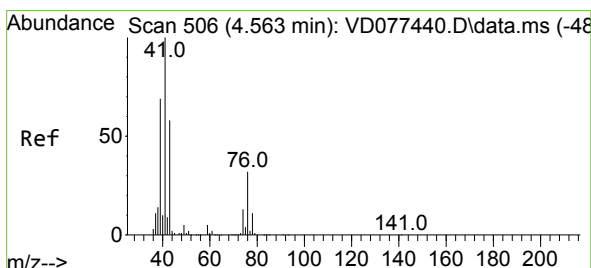
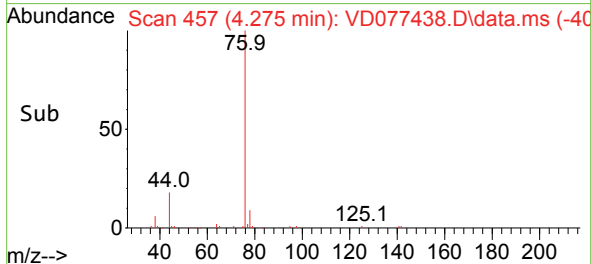
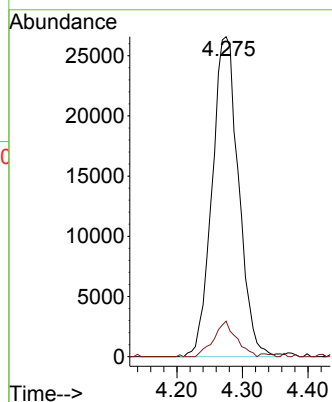
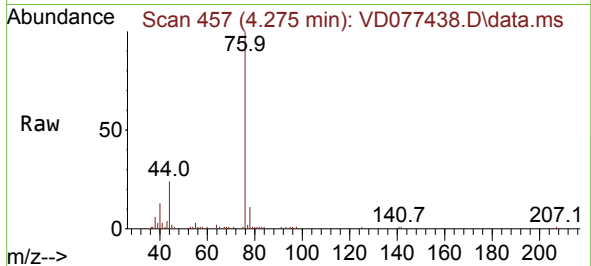




#17
Carbon Disulfide
Concen: 10.080 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

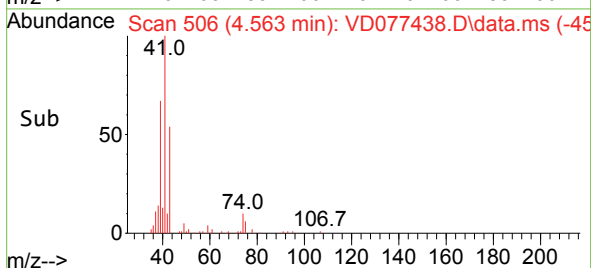
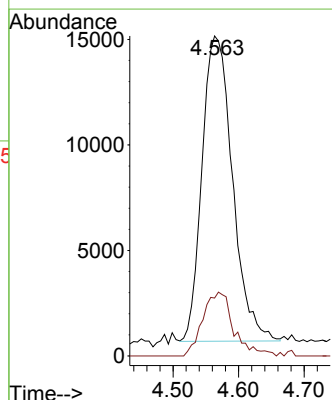
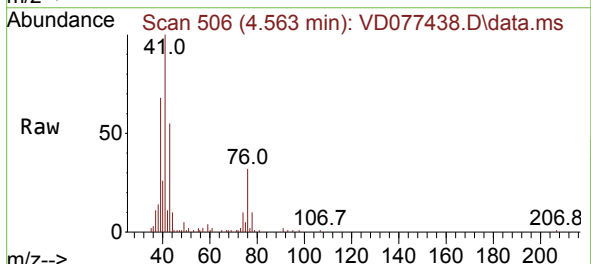
Instrument :
MSVOA_D
ClientSampleId :

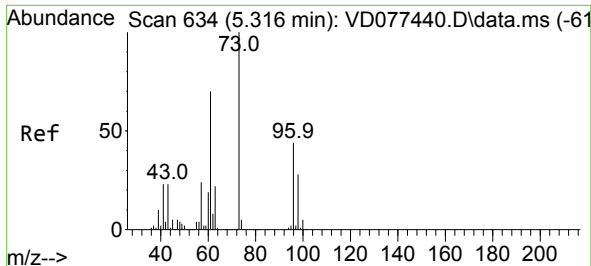
Tgt Ion: 76 Resp: 74619
Ion Ratio Lower Upper
76 100
78 11.1 6.8 10.2#



#18
Methyl Acetate
Concen: 9.660 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion: 43 Resp: 46687
Ion Ratio Lower Upper
43 100
74 21.2 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 10.437 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

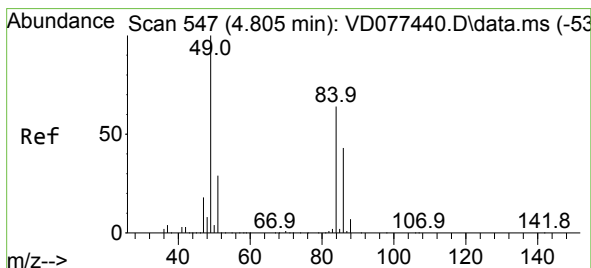
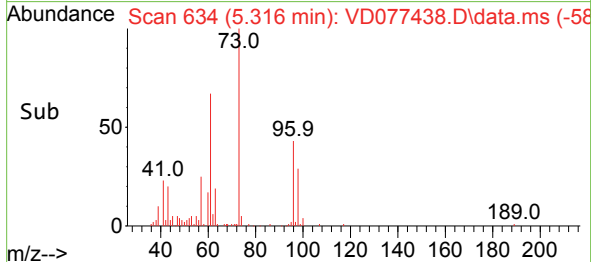
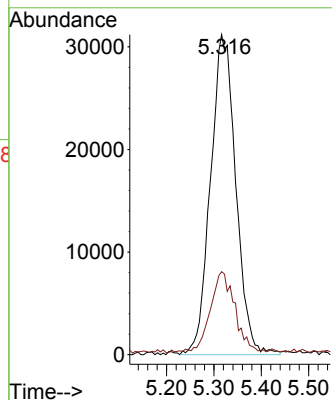
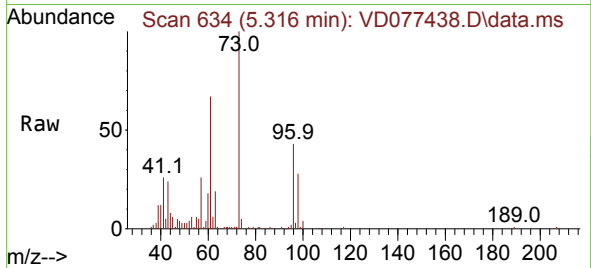
ClientSampleId :

Tgt Ion: 73 Resp: 115906

Ion Ratio Lower Upper

73 100

57 25.1 16.6 25.0#



#20

Methylene Chloride

Concen: 9.122 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Tgt Ion: 84 Resp: 55281

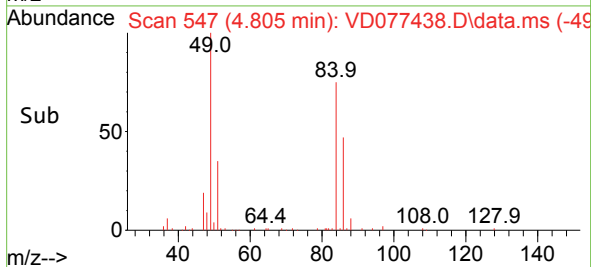
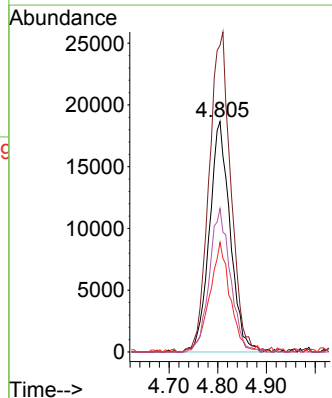
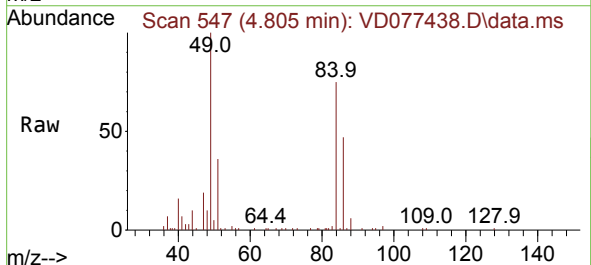
Ion Ratio Lower Upper

84 100

49 133.1 71.4 107.2#

51 47.6 24.5 36.7#

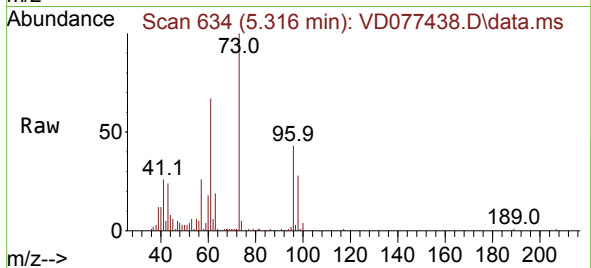
86 62.2 48.7 73.1



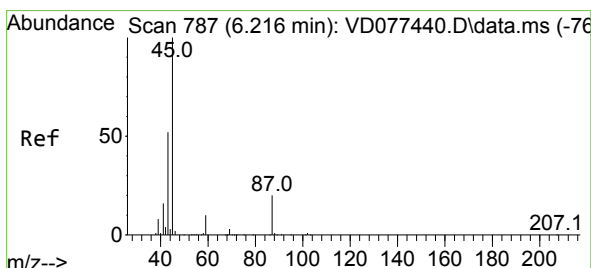
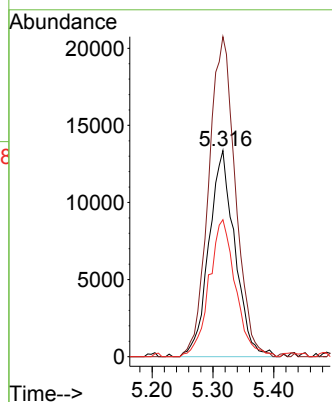
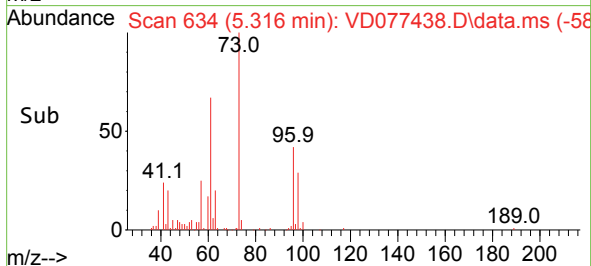


#21
trans-1,2-Dichloroethene
Concen: 9.609 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

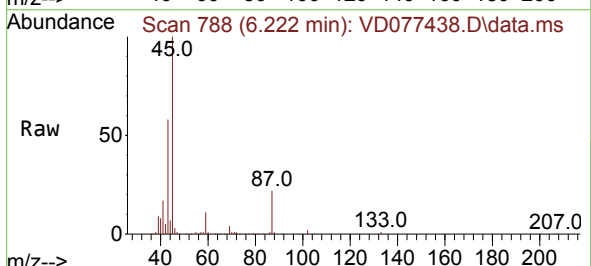
Instrument :
MSVOA_D
ClientSampleId :



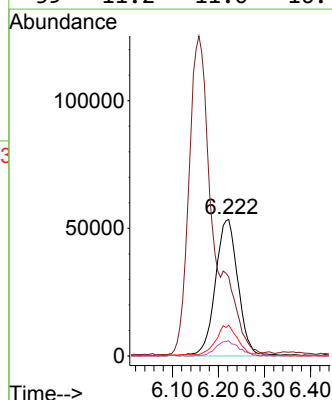
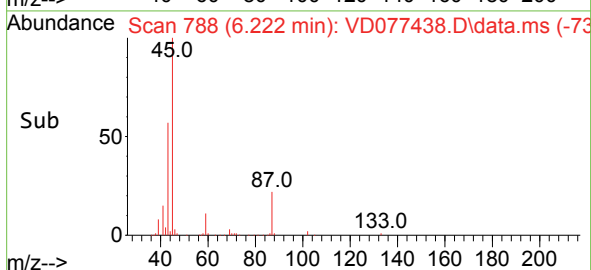
Tgt Ion: 96 Resp: 39590
Ion Ratio Lower Upper
96 100
61 155.3 89.3 133.9#
98 66.4 48.6 73.0

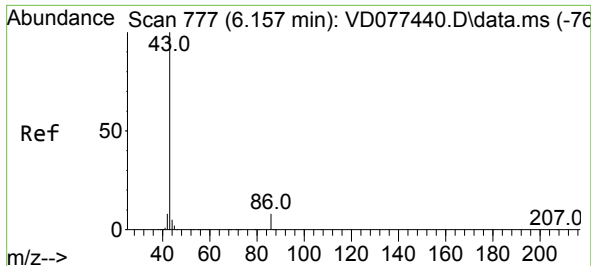


#22
Diisopropyl ether
Concen: 10.063 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14



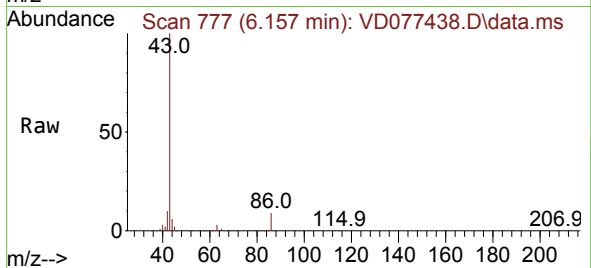
Tgt Ion: 45 Resp: 182537
Ion Ratio Lower Upper
45 100
43 55.5 40.0 60.0
87 22.1 28.2 42.4#
59 11.2 11.0 16.4



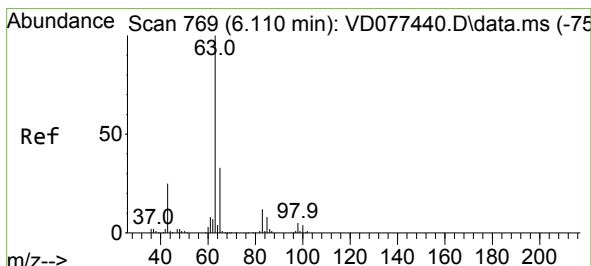
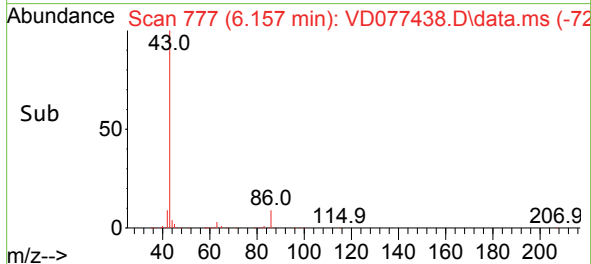
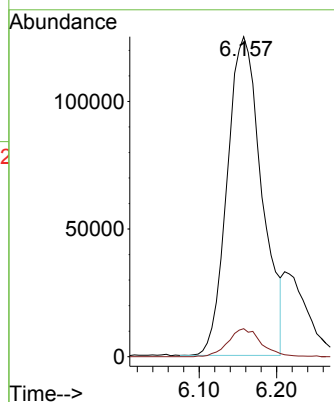


#23
 Vinyl Acetate
 Concen: 49.227 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD077438.D
 Acq: 30 Oct 2023 10:14

Instrument :
 MSVOA_D
 ClientSampleId :

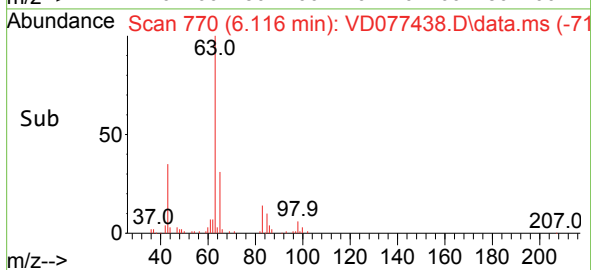
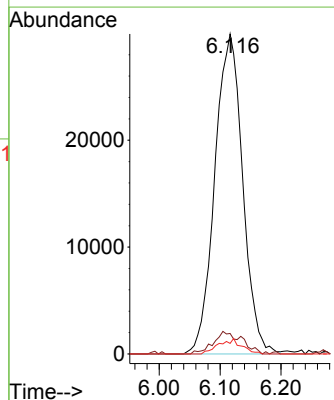
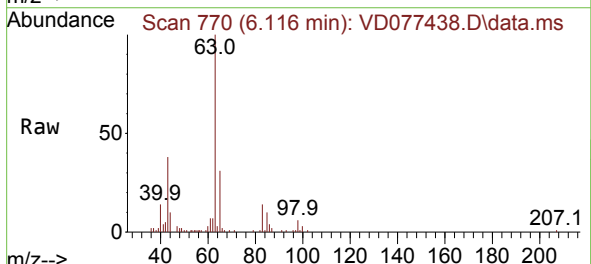


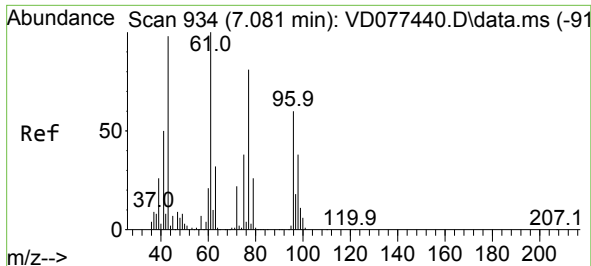
Tgt Ion: 43 Resp: 388386
 Ion Ratio Lower Upper
 43 100
 86 8.8 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 10.123 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077438.D
 Acq: 30 Oct 2023 10:14

Tgt Ion: 63 Resp: 95275
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.5 13.7
 100 3.3 2.5 7.5

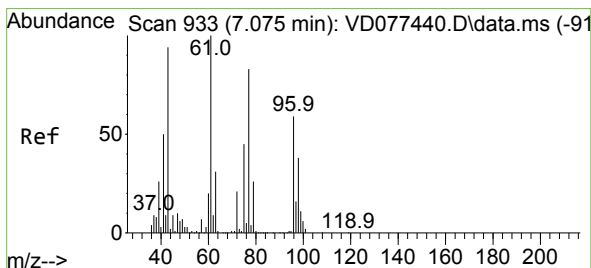
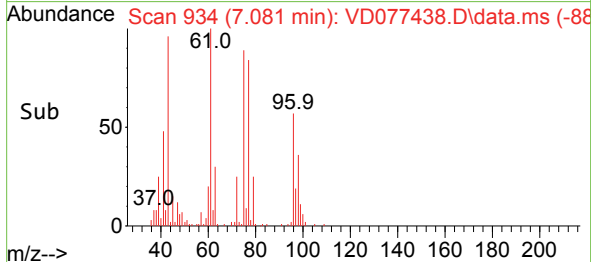
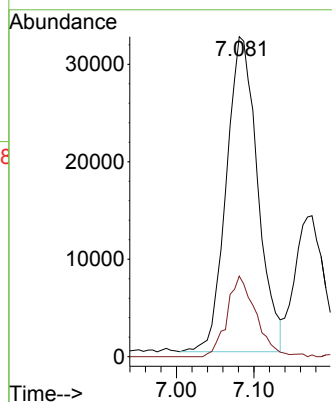
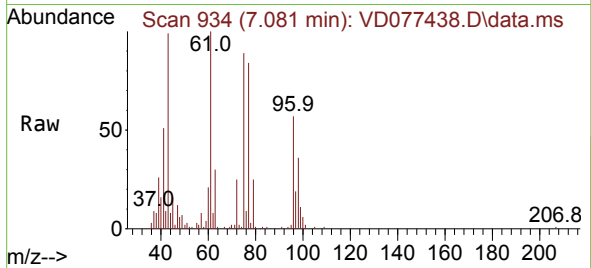




#25
2-Butanone
Concen: 51.484 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

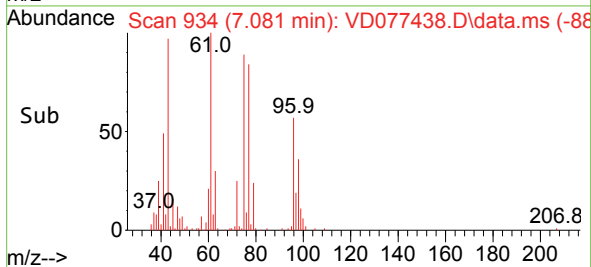
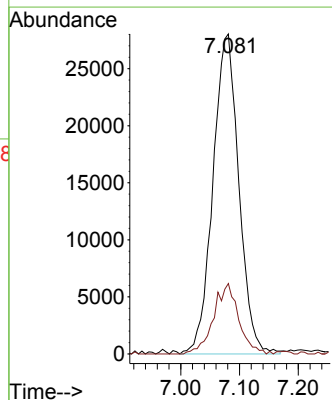
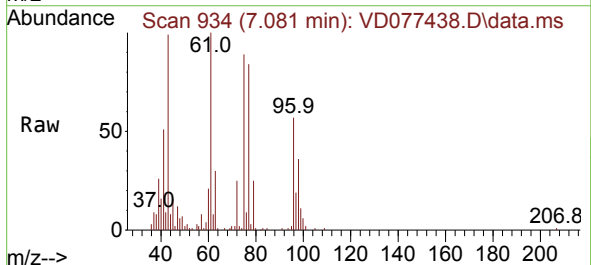
Instrument :
MSVOA_D
ClientSampleId :

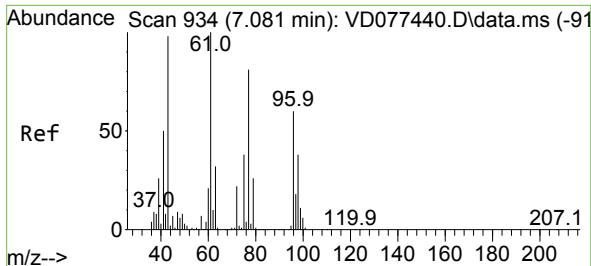
Tgt Ion: 43 Resp: 90985
Ion Ratio Lower Upper
43 100
72 25.6 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 10.288 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

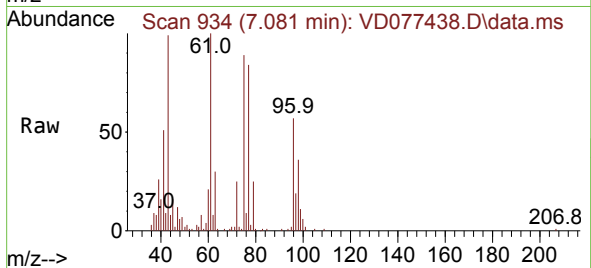
Tgt Ion: 77 Resp: 85814
Ion Ratio Lower Upper
77 100
97 21.4 13.2 39.6



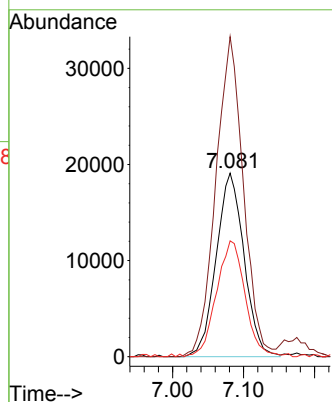
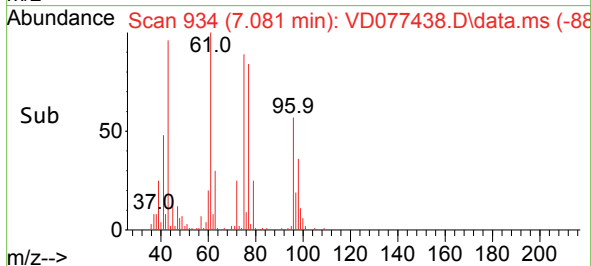


#27
 cis-1,2-Dichloroethene
 Concen: 10.176 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077438.D
 Acq: 30 Oct 2023 10:14

Instrument :
 MSVOA_D
 ClientSampleId :

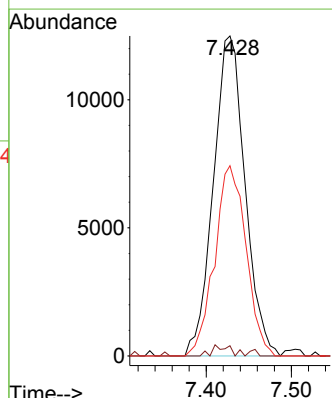
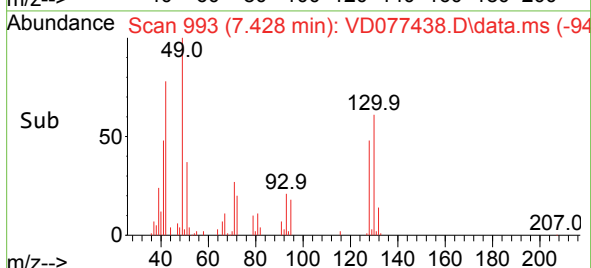
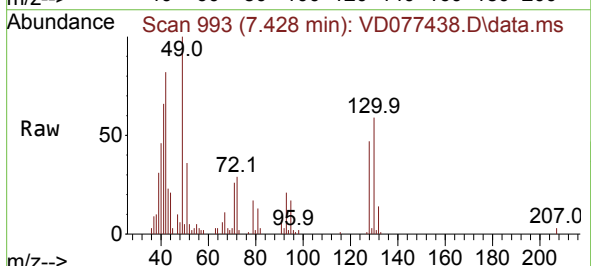


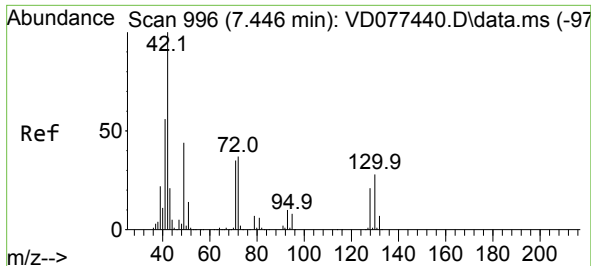
Tgt Ion: 96 Resp: 51945
 Ion Ratio Lower Upper
 96 100
 61 172.9 0.0 239.2
 98 65.0 0.0 128.6



#28
 Bromochloromethane
 Concen: 9.354 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077438.D
 Acq: 30 Oct 2023 10:14

Tgt Ion: 49 Resp: 32288
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 6.0
 130 59.0 83.2 124.8#





#29

Tetrahydrofuran

Concen: 49.425 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

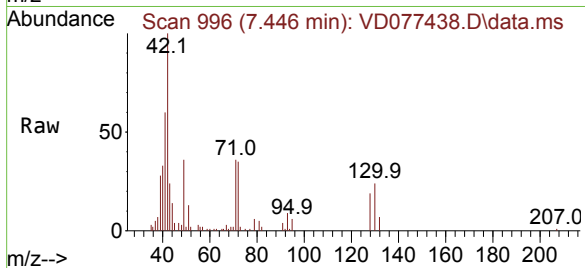
Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

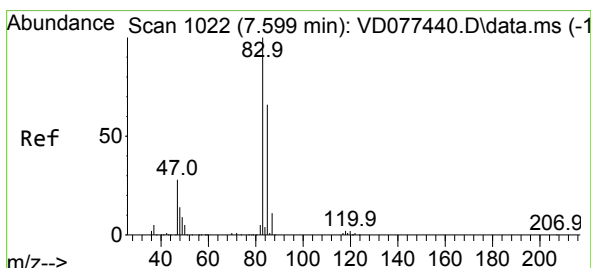
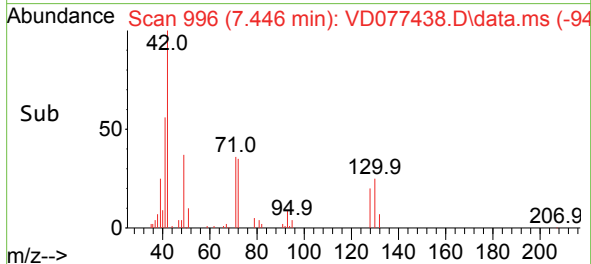
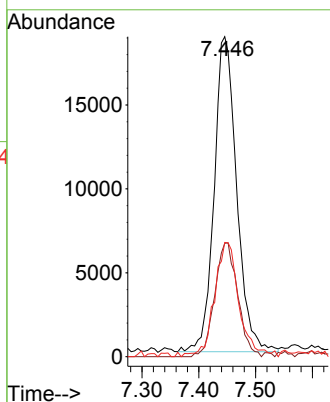
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	51804
Ion Ratio	Lower	Upper	
42	100		
72	36.6	46.5	69.7#
71	39.3	44.5	66.7#



#30

Chloroform

Concen: 10.428 ug/l

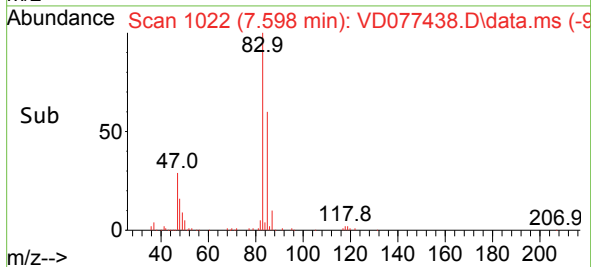
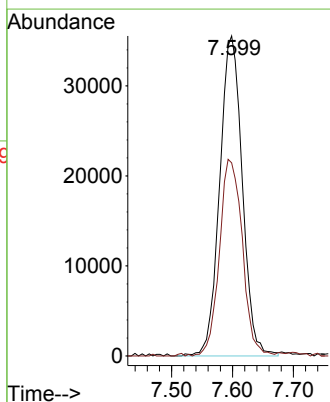
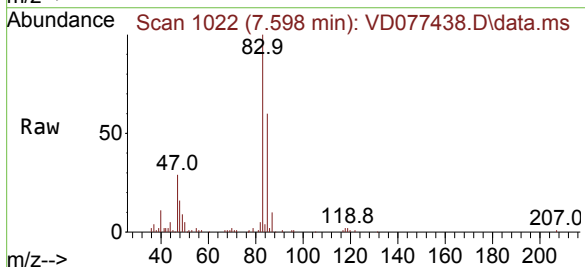
RT: 7.598 min Scan# 1022

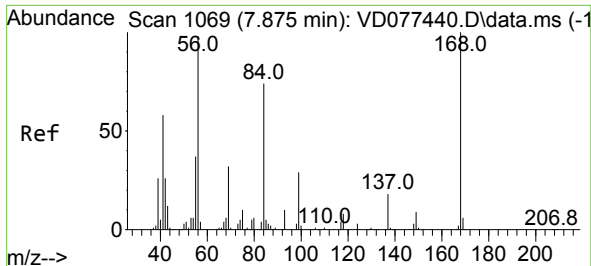
Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

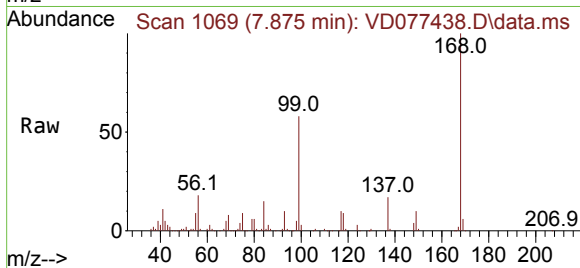
Tgt Ion:	83	Resp:	91645
Ion Ratio	Lower	Upper	
83	100		
85	59.8	53.4	80.2



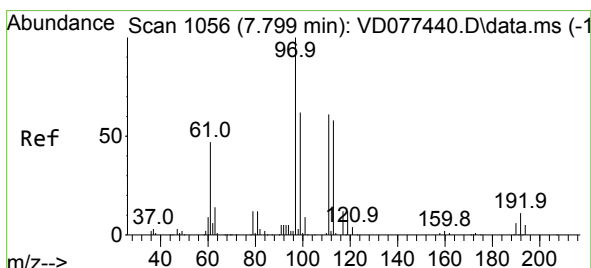
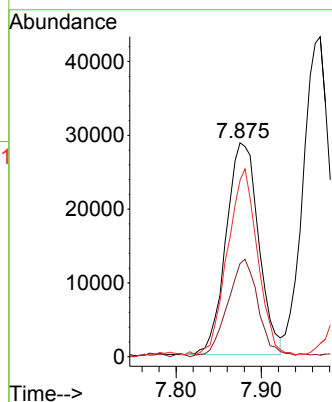
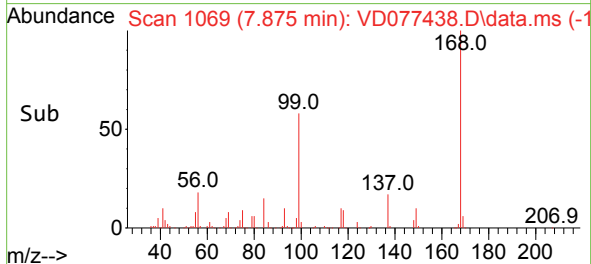


#31
Cyclohexane
Concen: 9.742 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Instrument :
MSVOA_D
ClientSampleId :

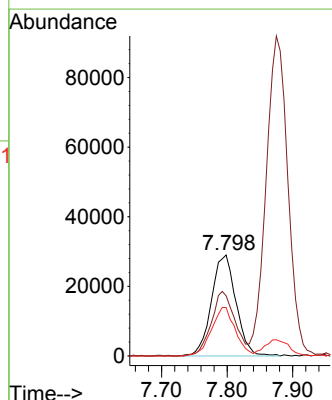
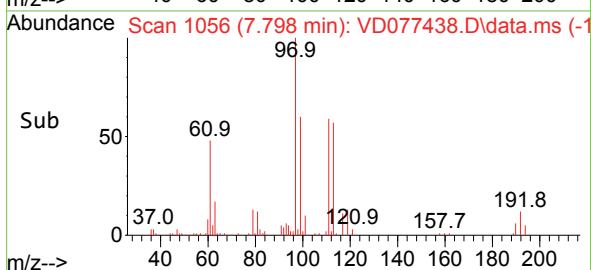
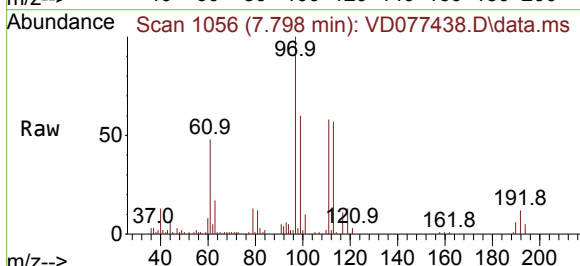


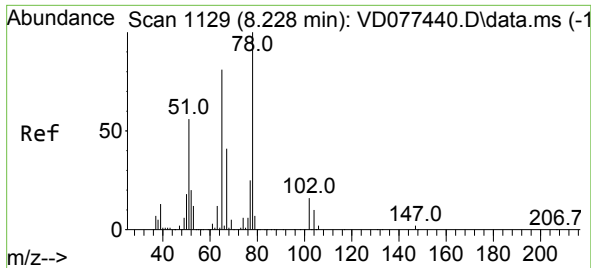
Tgt Ion: 56 Resp: 76252
Ion Ratio Lower Upper
56 100
69 42.4 28.6 43.0
84 81.8 84.8 127.2#



#32
1,1,1-Trichloroethane
Concen: 10.411 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion: 97 Resp: 75384
Ion Ratio Lower Upper
97 100
99 60.8 52.0 78.0
61 46.6 33.8 50.8

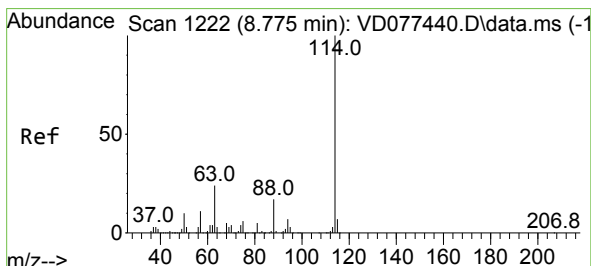
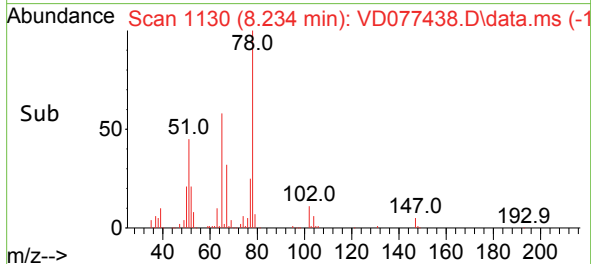
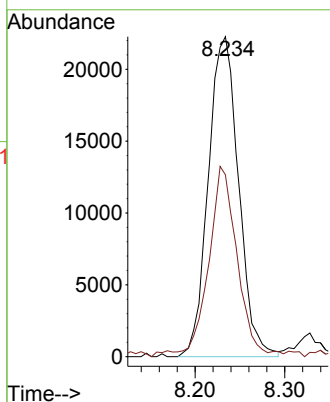
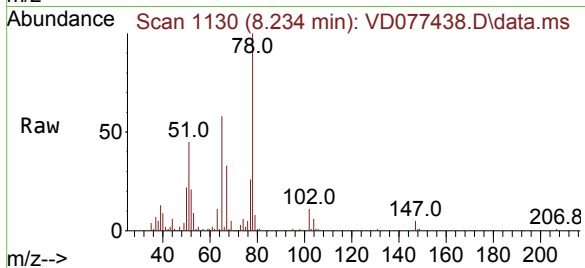




#33
1,2-Dichloroethane-d4
Concen: 10.425 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

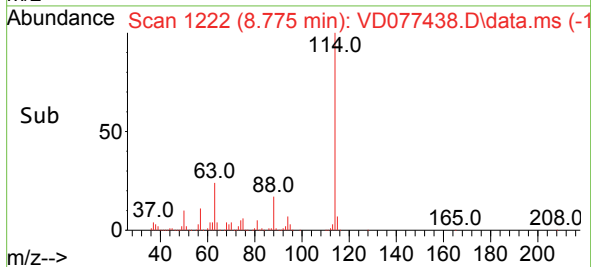
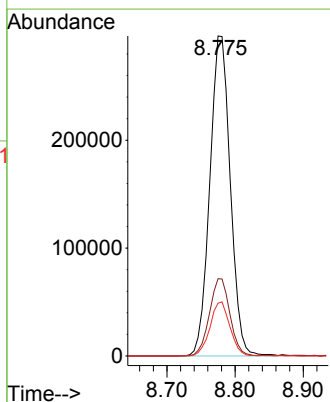
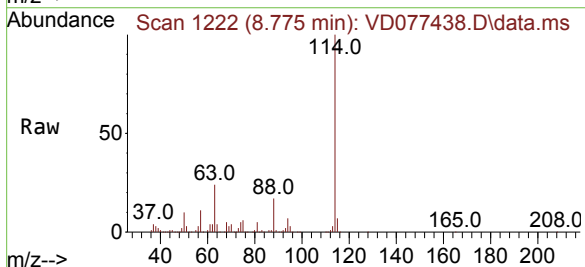
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 52198
Ion Ratio Lower Upper
65 100
67 54.7 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion: 114 Resp: 620201
Ion Ratio Lower Upper
114 100
63 24.1 0.0 33.4
88 16.5 0.0 26.2

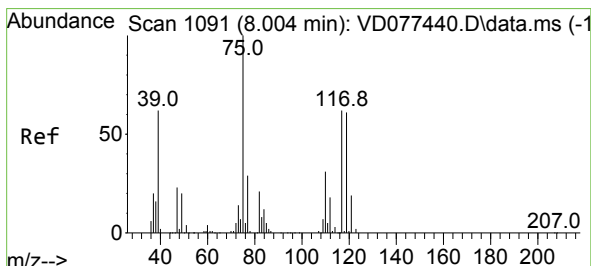
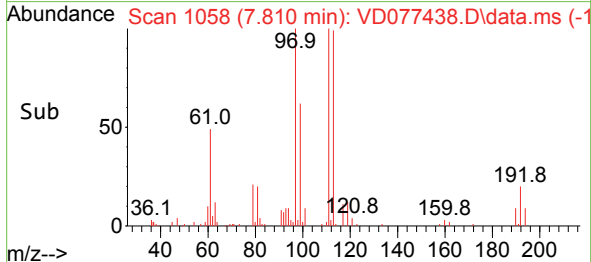
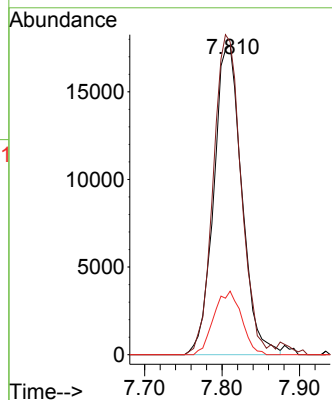
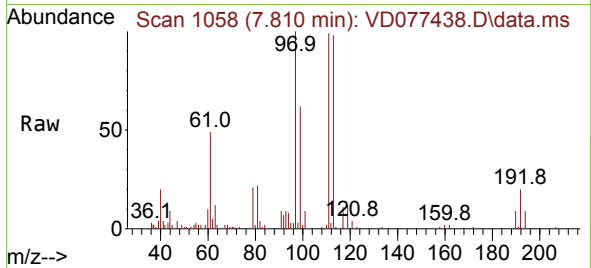




#35
Dibromofluoromethane
Concen: 10.351 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

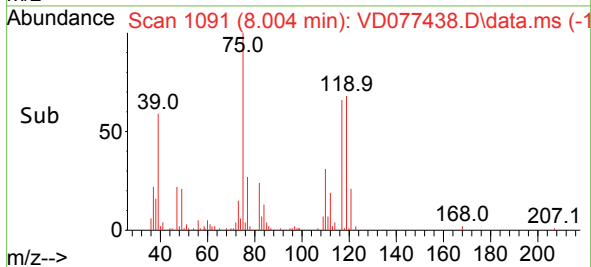
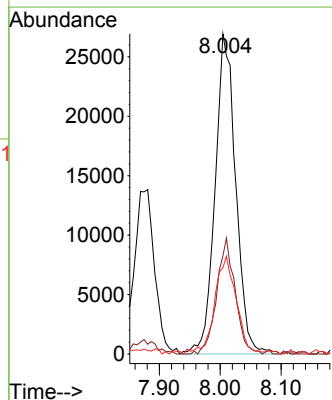
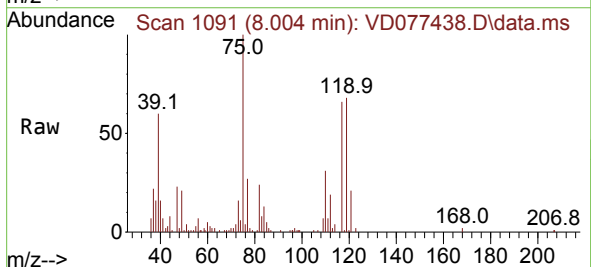
Instrument :
MSVOA_D
ClientSampleId :

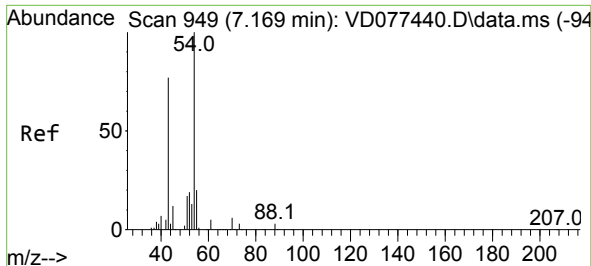
Tgt Ion:113 Resp: 44372
Ion Ratio Lower Upper
113 100
111 102.8 84.7 127.1
192 20.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 10.001 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

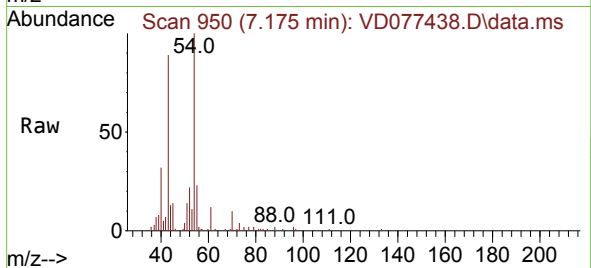
Tgt Ion: 75 Resp: 63563
Ion Ratio Lower Upper
75 100
110 32.2 19.9 59.6
77 32.0 24.7 37.1



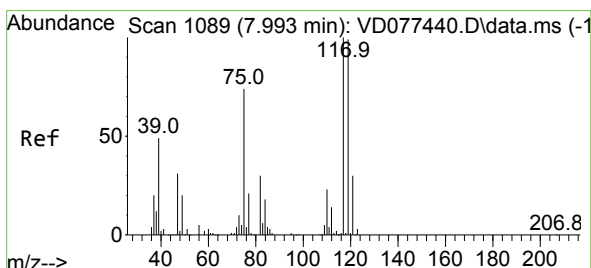
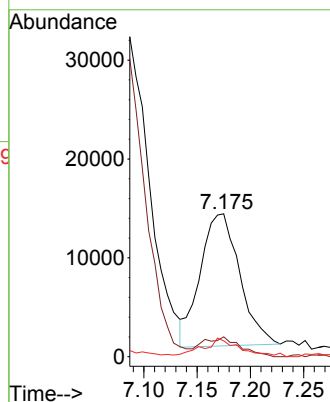
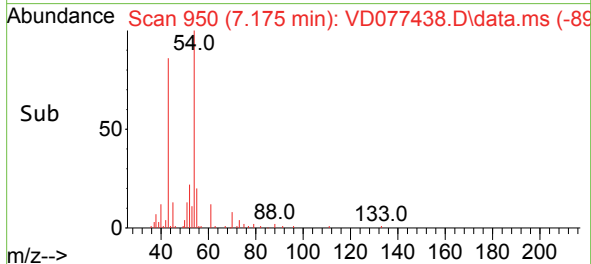


#37
Ethyl Acetate
Concen: 9.455 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Instrument :
MSVOA_D
ClientSampleId :

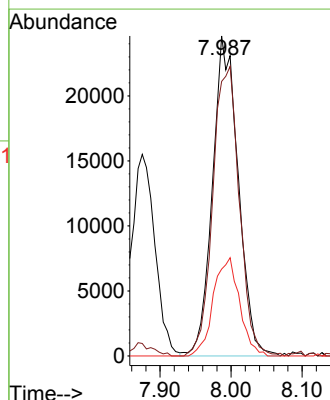
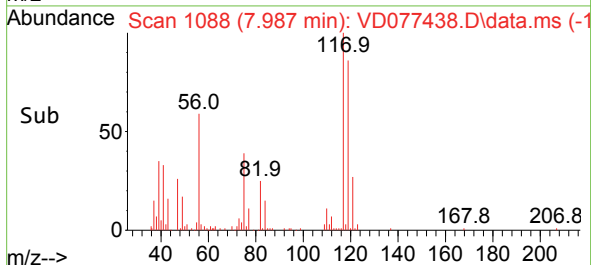
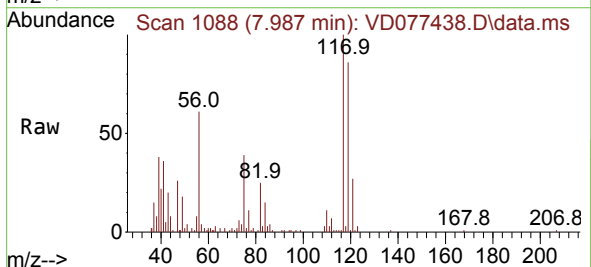


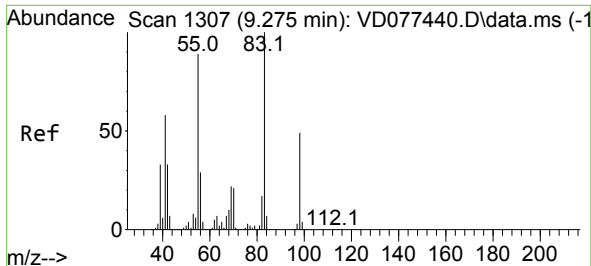
Tgt Ion: 43 Resp: 34486
Ion Ratio Lower Upper
43 100
61 13.9 14.9 22.3#
70 13.1 10.0 15.0



#38
Carbon Tetrachloride
Concen: 10.337 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion: 117 Resp: 61909
Ion Ratio Lower Upper
117 100
119 85.8 78.0 117.0
121 27.2 24.2 36.2





#39

Methylcyclohexane

Concen: 9.631 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

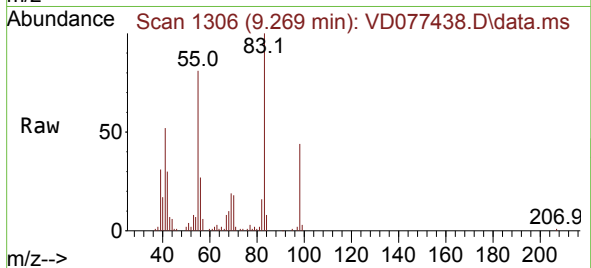
Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

ClientSampleId :



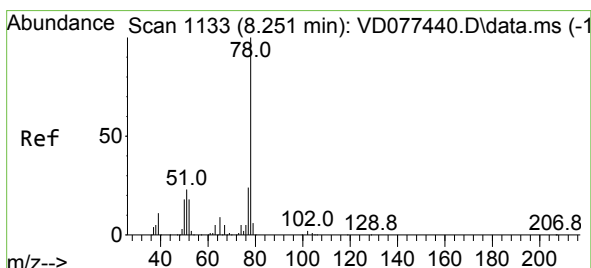
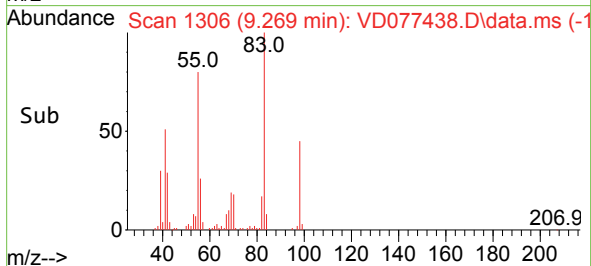
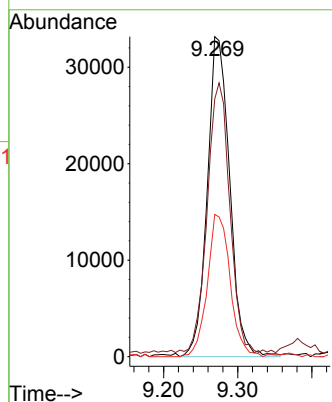
Tgt Ion: 83 Resp: 69839

Ion Ratio Lower Upper

83 100

55 78.5 49.4 74.0#

98 44.5 38.4 57.6



#40

Benzene

Concen: 10.090 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD077438.D

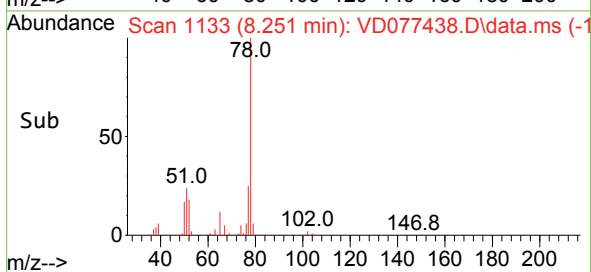
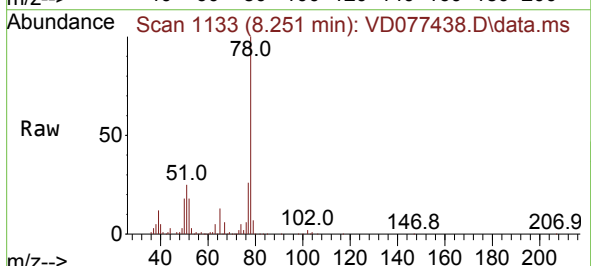
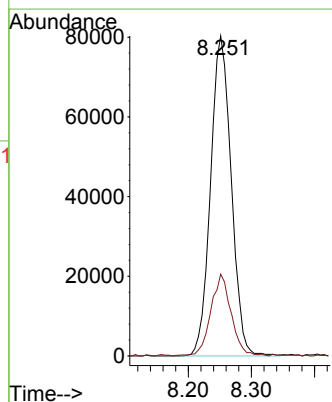
Acq: 30 Oct 2023 10:14

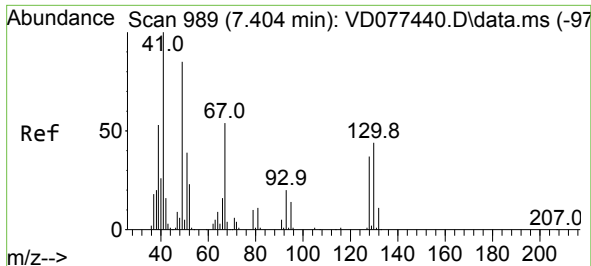
Tgt Ion: 78 Resp: 182859

Ion Ratio Lower Upper

78 100

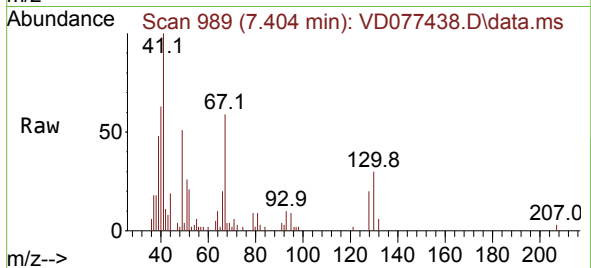
77 25.3 19.4 29.0



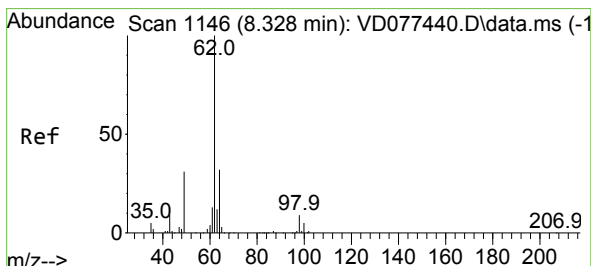
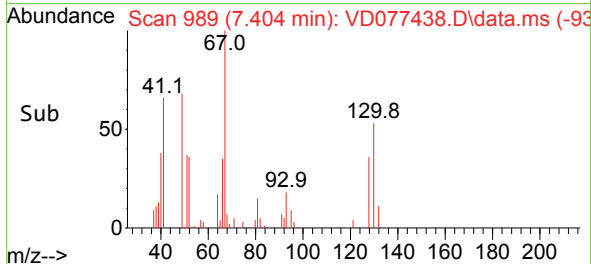
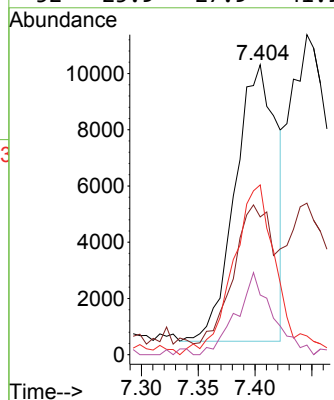


#41
Methacrylonitrile
Concen: 10.686 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Instrument :
MSVOA_D
ClientSampleId :

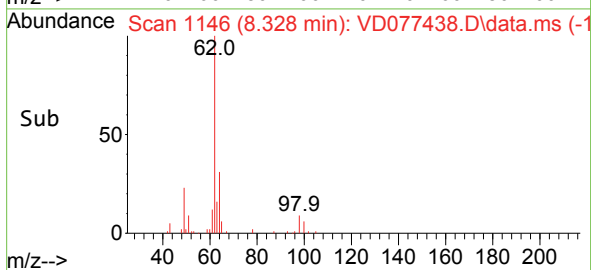
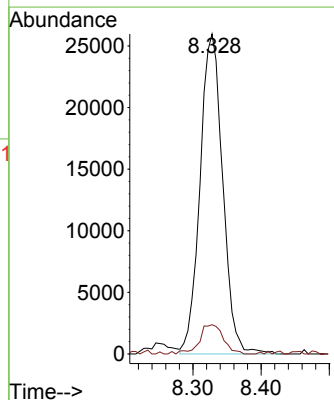
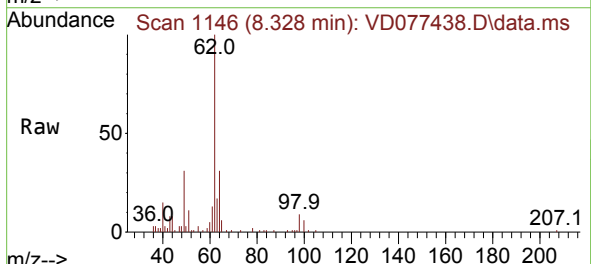


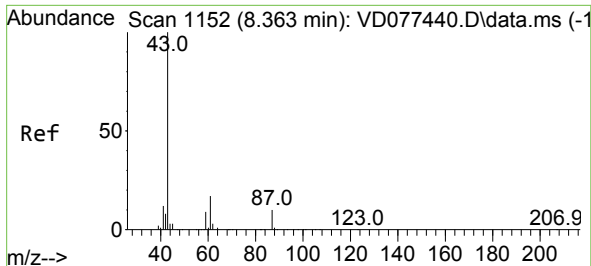
Tgt Ion: 41 Resp: 24939
Ion Ratio Lower Upper
41 100
39 49.6 34.0 51.0
67 65.2 77.0 115.4#
52 25.9 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 10.477 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

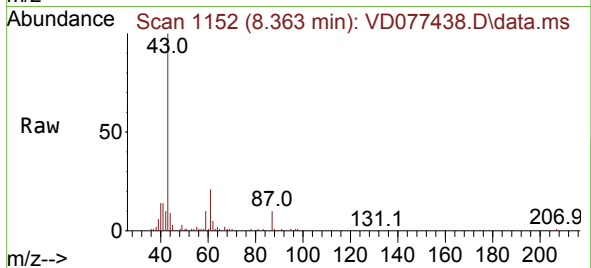
Tgt Ion: 62 Resp: 60140
Ion Ratio Lower Upper
62 100
98 9.7 0.0 25.4



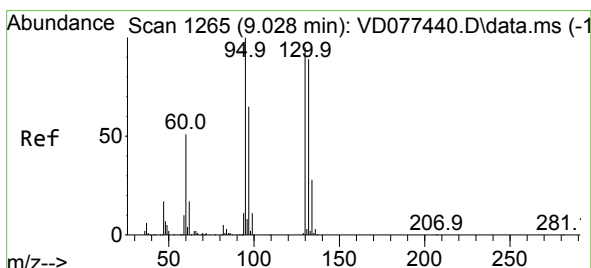
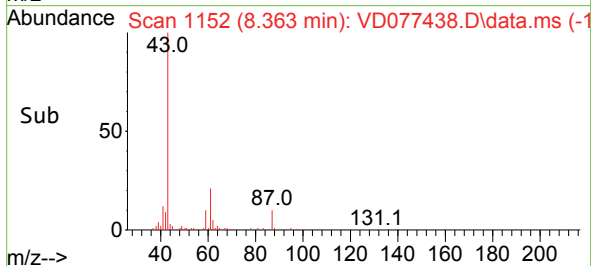
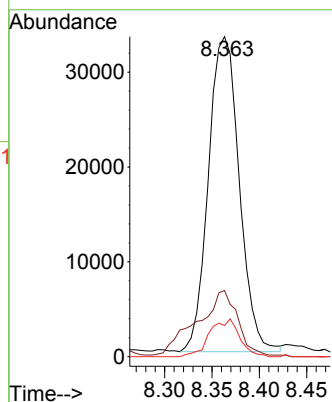


#43
Isopropyl Acetate
Concen: 10.016 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Instrument :
MSVOA_D
ClientSampleId :

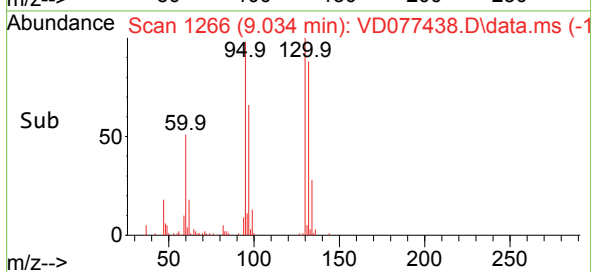
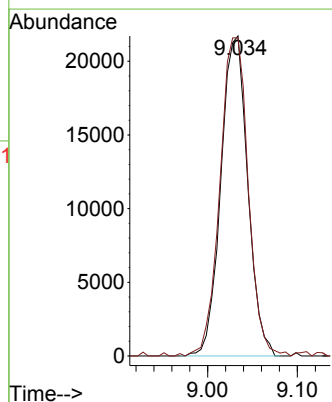
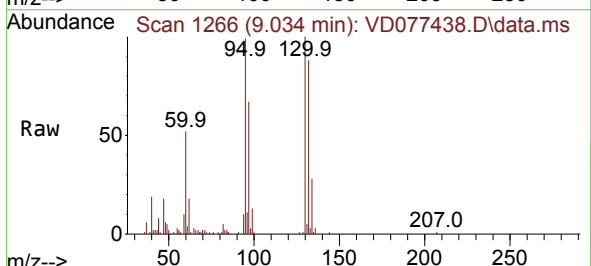


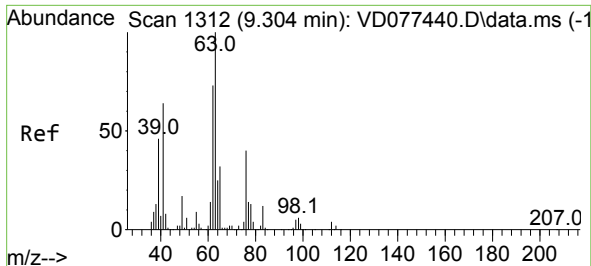
Tgt Ion: 43 Resp: 75391
Ion Ratio Lower Upper
43 100
61 28.3 31.4 47.0#
87 11.6 14.9 22.3#



#44
Trichloroethene
Concen: 10.161 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion:130 Resp: 45106
Ion Ratio Lower Upper
130 100
95 98.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 10.360 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

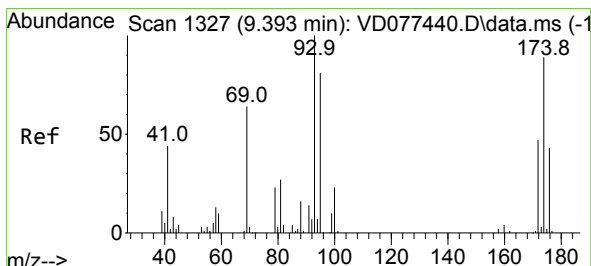
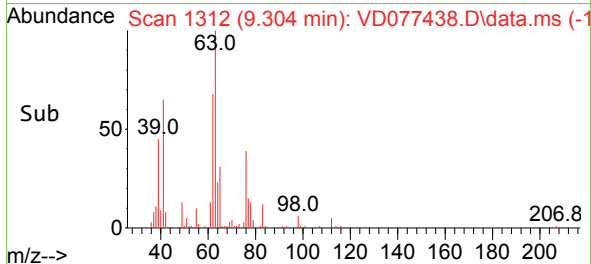
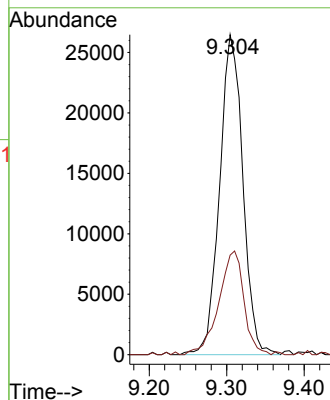
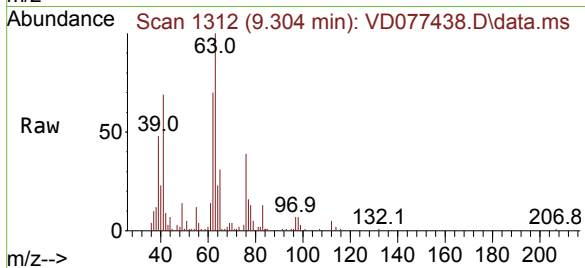
ClientSampleId :

Tgt Ion: 63 Resp: 55275

Ion Ratio Lower Upper

63 100

65 31.1 24.5 36.7



#46

Dibromomethane

Concen: 10.520 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

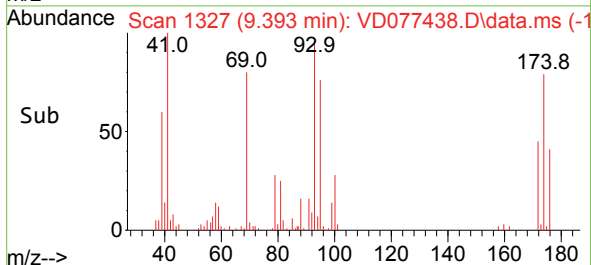
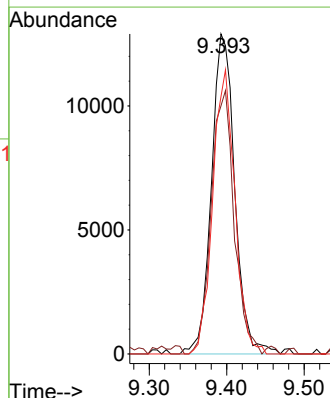
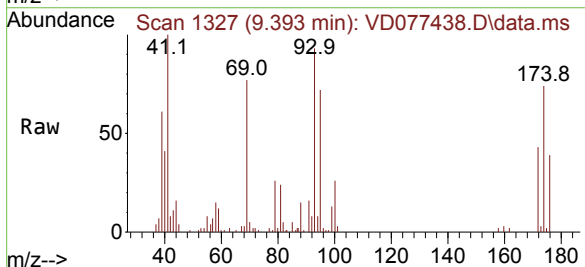
Tgt Ion: 93 Resp: 27012

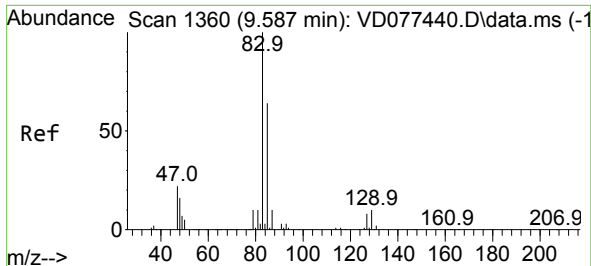
Ion Ratio Lower Upper

93 100

95 81.0 67.7 101.5

174 84.5 85.4 128.2#

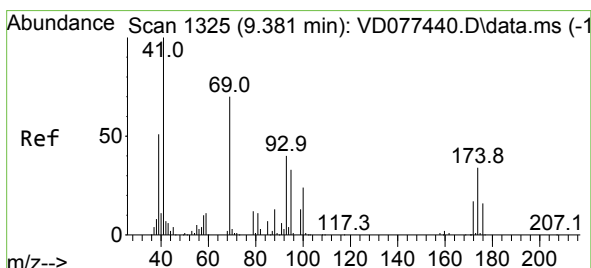
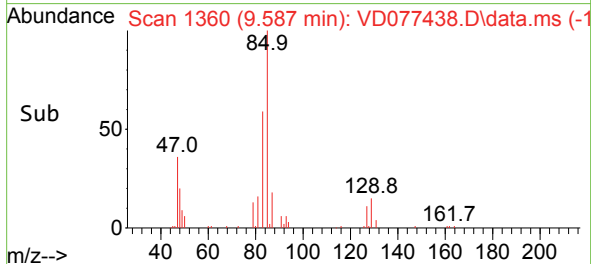
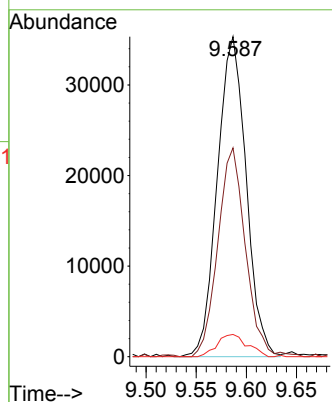
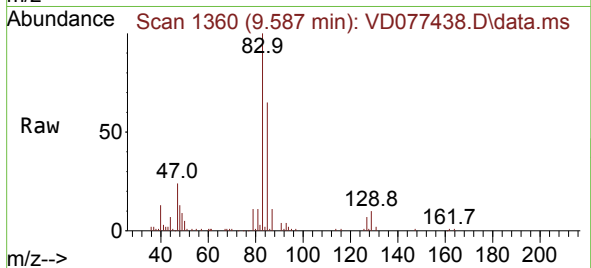




#47
Bromodichloromethane
Concen: 10.375 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

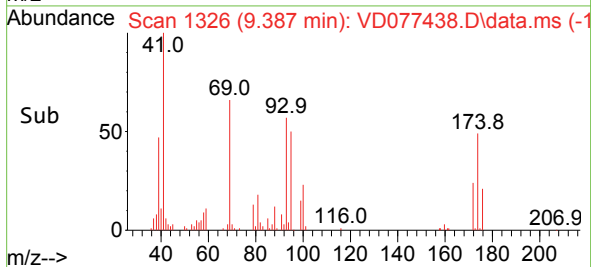
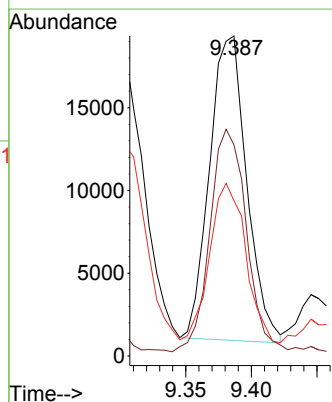
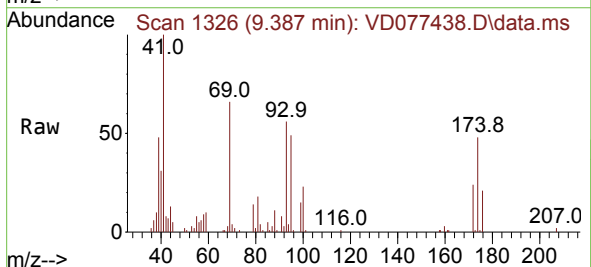
Instrument :
MSVOA_D
ClientSampleId :

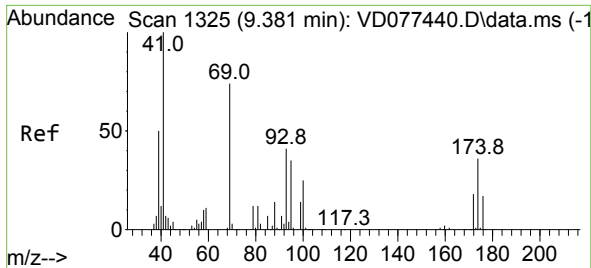
Tgt Ion: 83 Resp: 70411
Ion Ratio Lower Upper
83 100
85 65.3 50.2 75.4
127 6.9 6.3 9.5



#48
Methyl methacrylate
Concen: 10.067 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion: 41 Resp: 36169
Ion Ratio Lower Upper
41 100
69 72.1 102.2 153.2#
39 54.9 41.4 62.2





#49

1,4-Dioxane

Concen: 208.985 ug/l

RT: 9.375 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

ClientSampleId :

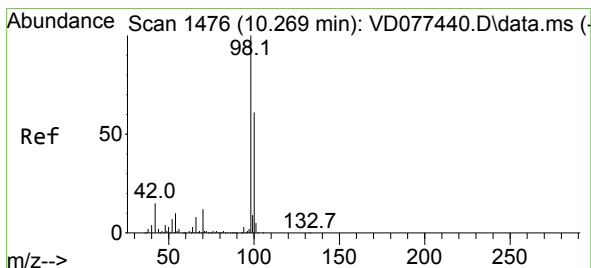
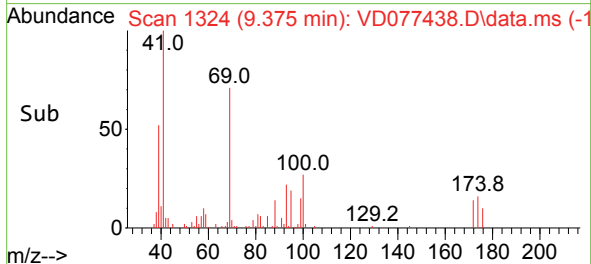
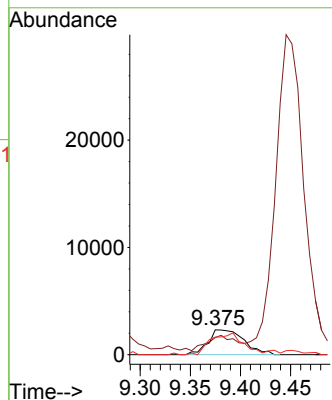
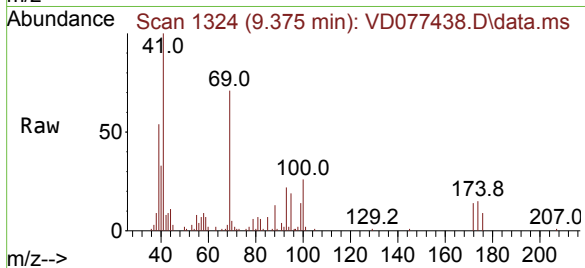
Tgt Ion: 88 Resp: 5766

Ion Ratio Lower Upper

88 100

43 46.7 19.0 28.6#

58 78.4 43.5 65.3#



#50

Toluene-d8

Concen: 10.449 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077438.D

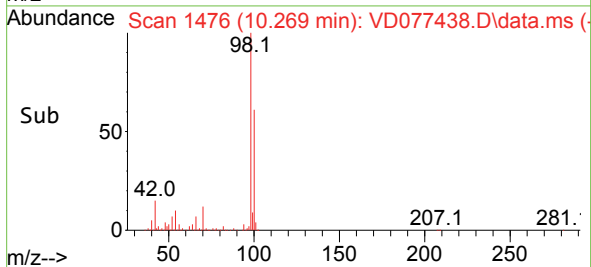
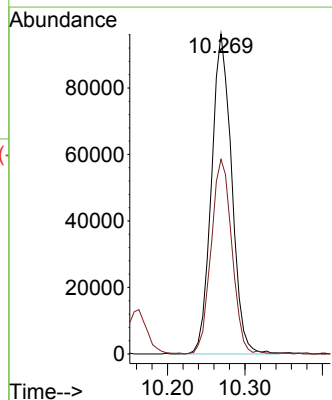
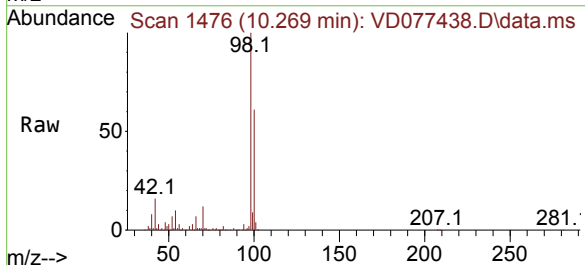
Acq: 30 Oct 2023 10:14

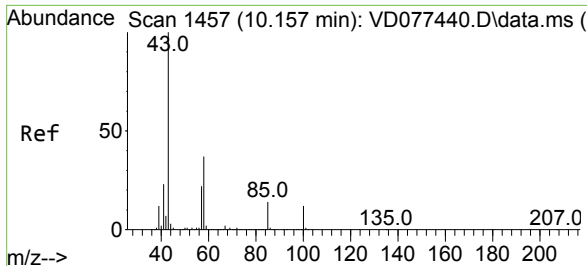
Tgt Ion: 98 Resp: 173982

Ion Ratio Lower Upper

98 100

100 62.8 50.3 75.5

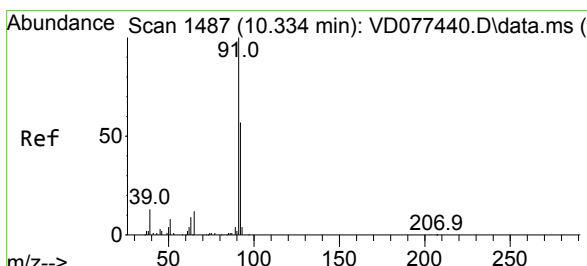
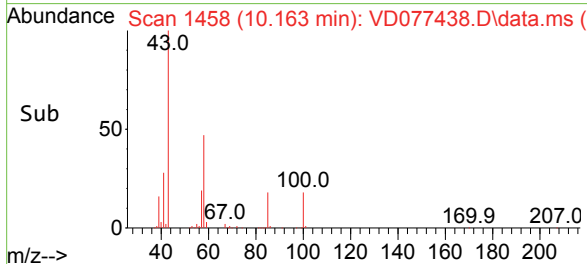
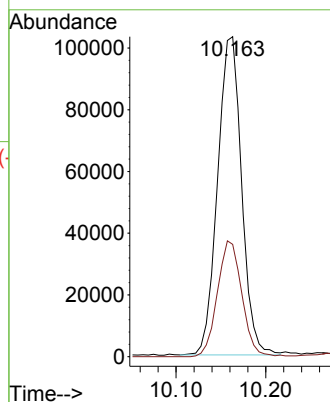
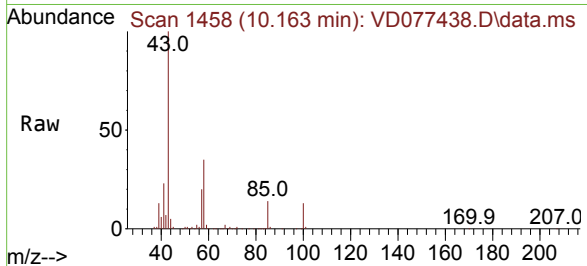




#51
4-Methyl-2-Pentanone
Concen: 51.752 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

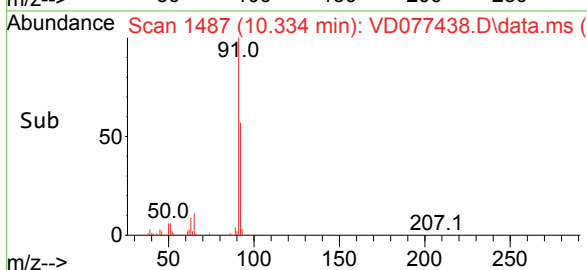
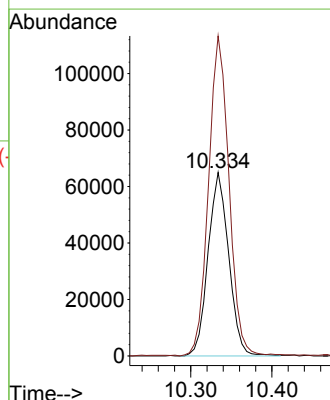
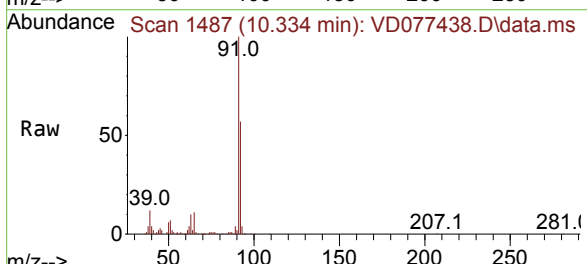
Instrument :
MSVOA_D
ClientSampleId :

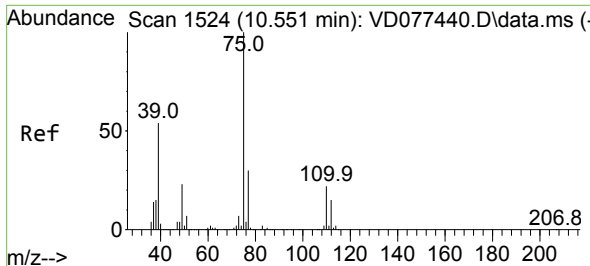
Tgt Ion: 43 Resp: 191732
Ion Ratio Lower Upper
43 100
58 37.0 38.9 58.3#



#52
Toluene
Concen: 10.386 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

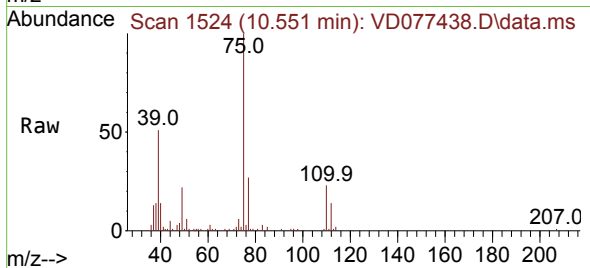
Tgt Ion: 92 Resp: 114742
Ion Ratio Lower Upper
92 100
91 173.9 143.0 214.4



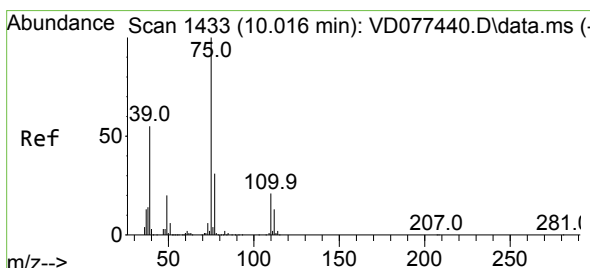
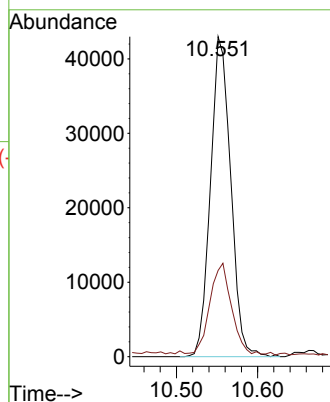
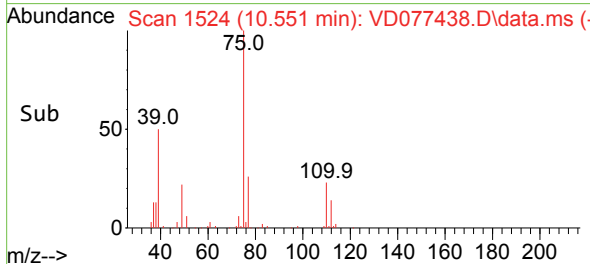


#53
t-1,3-Dichloropropene
Concen: 10.354 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

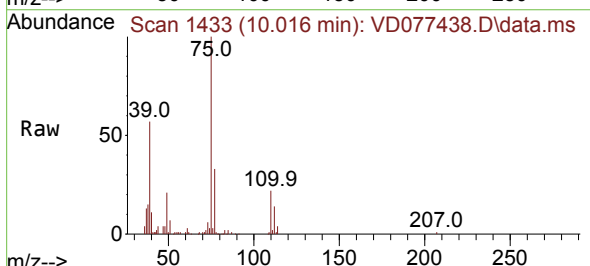
Instrument :
MSVOA_D
ClientSampleId :



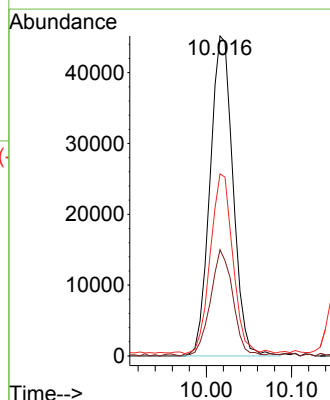
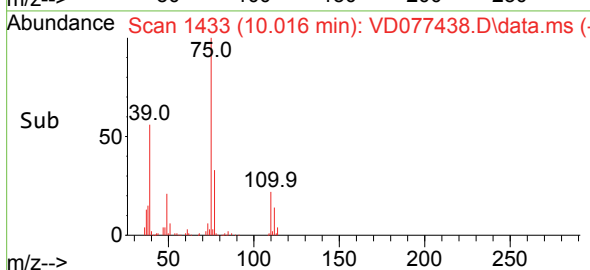
Tgt Ion: 75 Resp: 74406
Ion Ratio Lower Upper
75 100
77 25.9 25.3 37.9

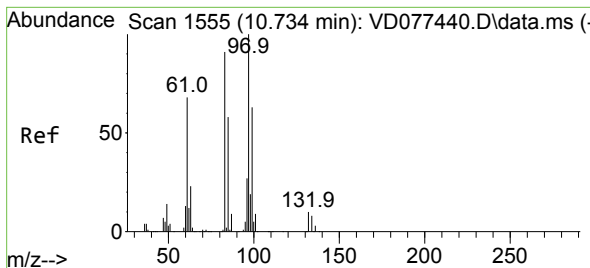


#54
cis-1,3-Dichloropropene
Concen: 10.229 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14



Tgt Ion: 75 Resp: 84590
Ion Ratio Lower Upper
75 100
77 33.2 25.5 38.3
39 55.7 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 10.229 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

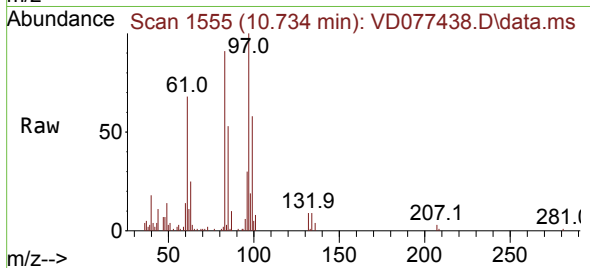
Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 35041

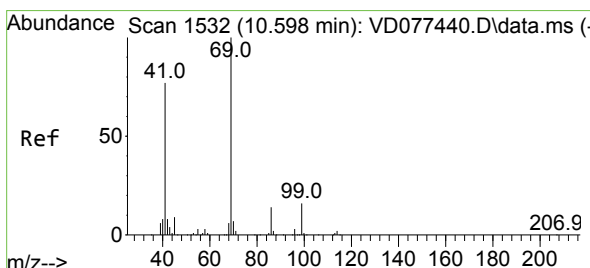
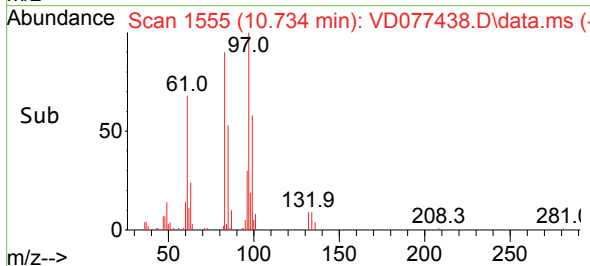
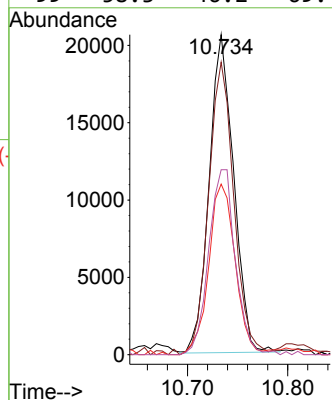
Ion Ratio Lower Upper

97 100

83 92.2 65.8 98.6

85 53.8 45.7 68.5

99 58.3 46.2 69.4



#56

Ethyl methacrylate

Concen: 10.006 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

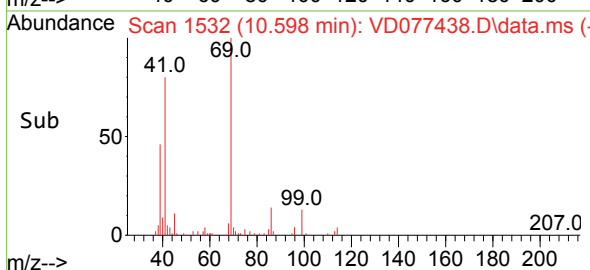
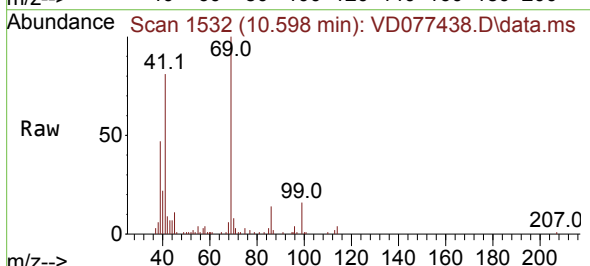
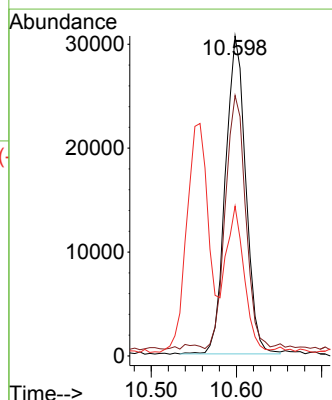
Tgt Ion: 69 Resp: 50967

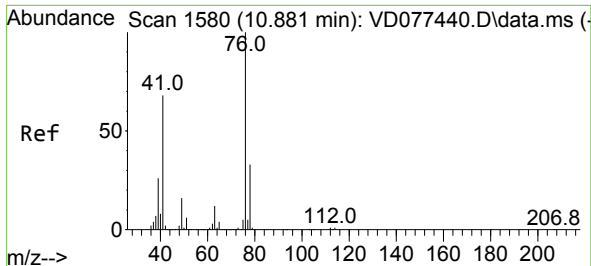
Ion Ratio Lower Upper

69 100

41 79.5 39.1 58.7#

39 39.1 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 10.499 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

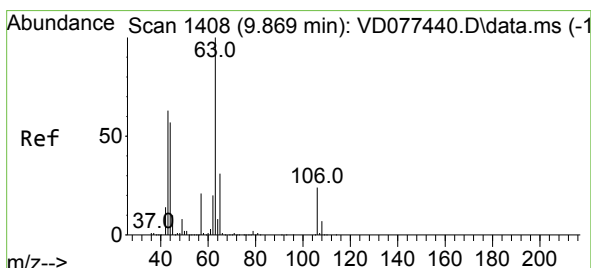
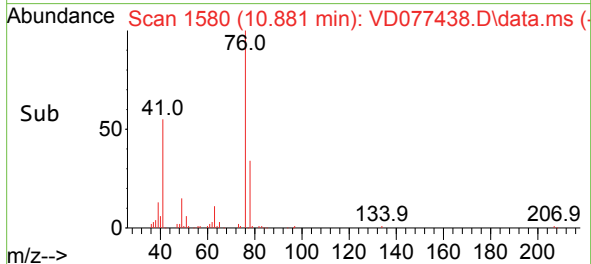
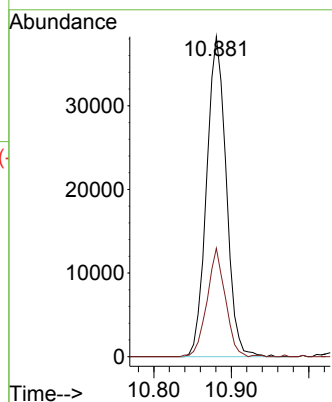
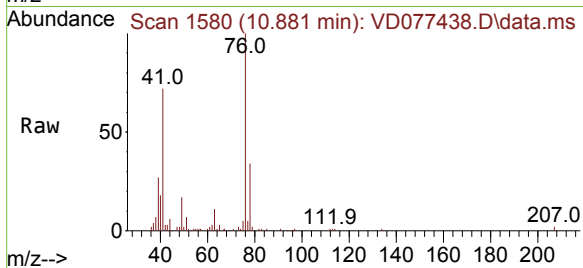
ClientSampleId :

Tgt Ion: 76 Resp: 67225

Ion Ratio Lower Upper

76 100

78 31.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 47.288 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077438.D

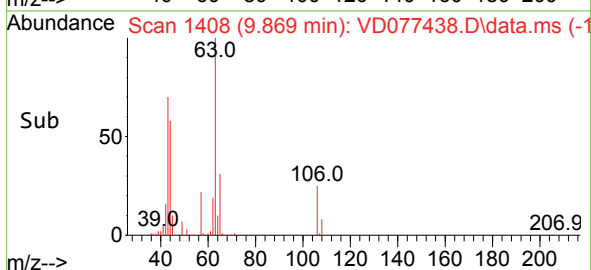
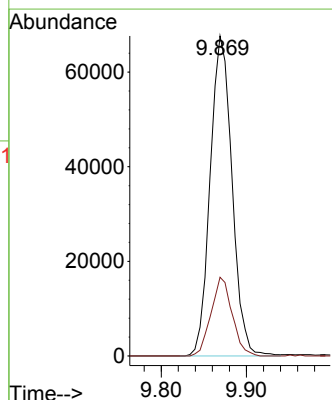
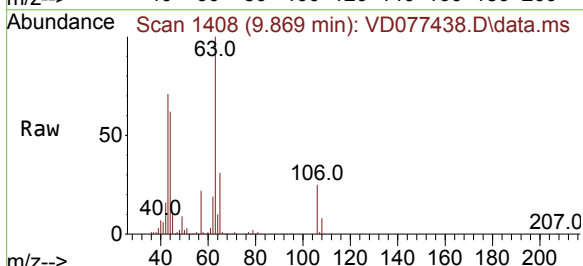
Acq: 30 Oct 2023 10:14

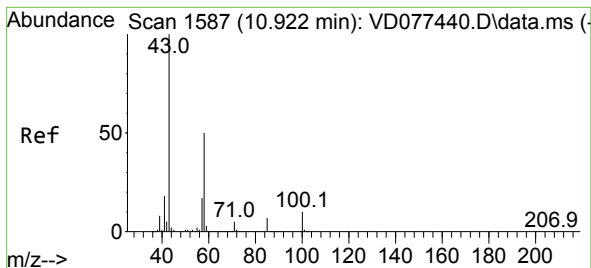
Tgt Ion: 63 Resp: 120582

Ion Ratio Lower Upper

63 100

106 23.7 25.3 37.9#

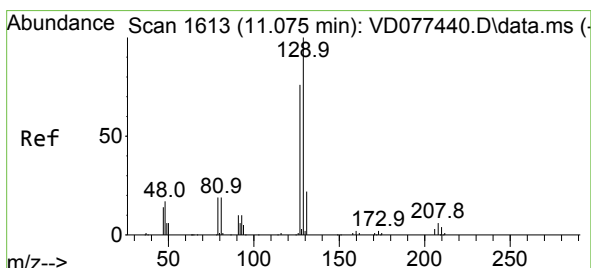
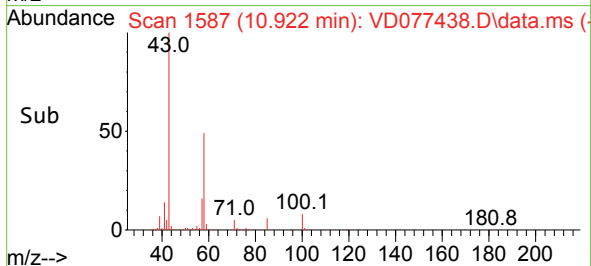
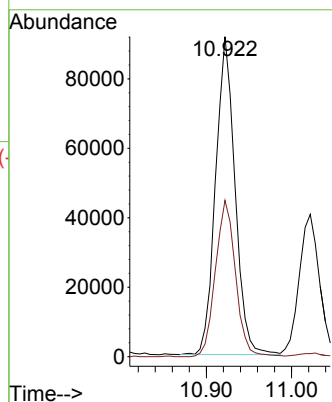
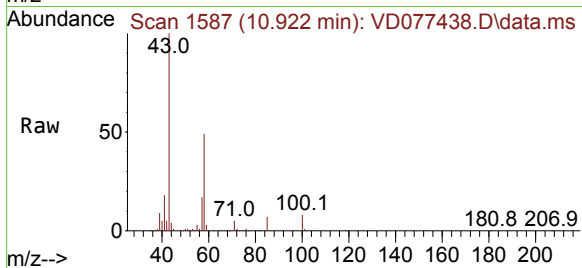




#59
2-Hexanone
Concen: 53.046 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

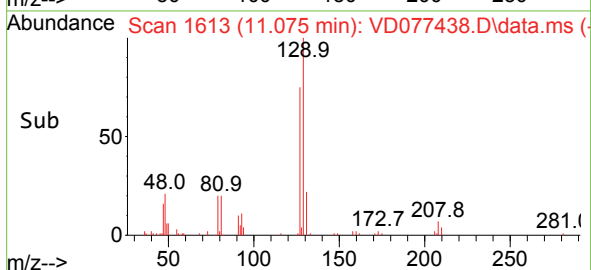
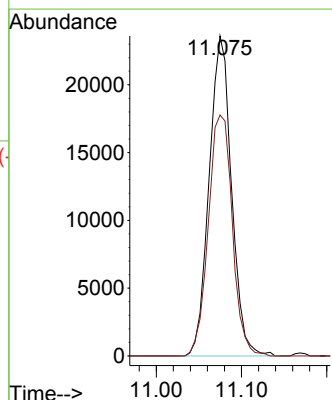
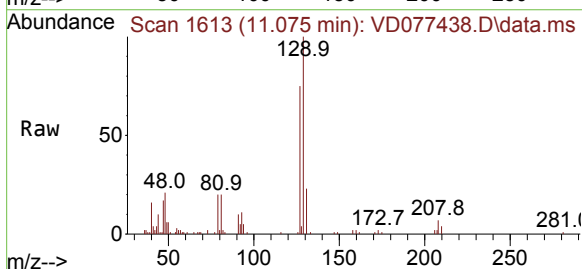
Instrument :
MSVOA_D
ClientSampleId :

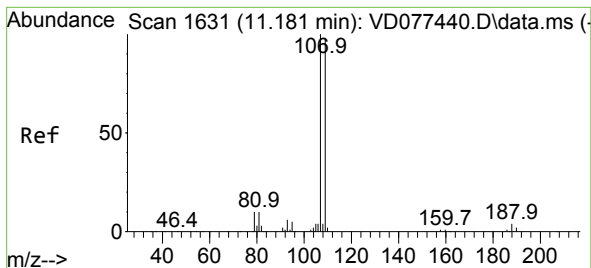
Tgt Ion: 43 Resp: 144775
Ion Ratio Lower Upper
43 100
58 51.0 34.1 102.2



#60
Dibromochloromethane
Concen: 10.444 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion: 129 Resp: 43020
Ion Ratio Lower Upper
129 100
127 80.7 37.1 111.5





#61

1,2-Dibromoethane

Concen: 10.315 ug/l

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

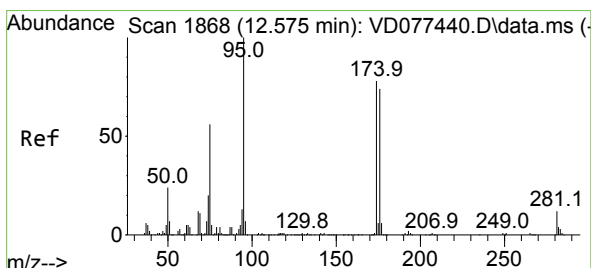
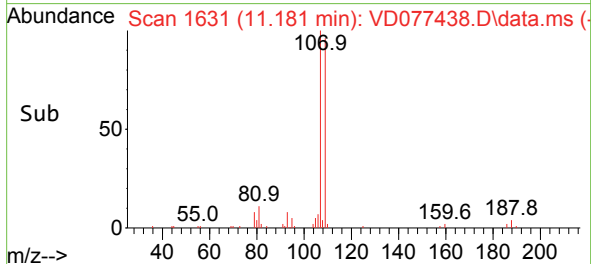
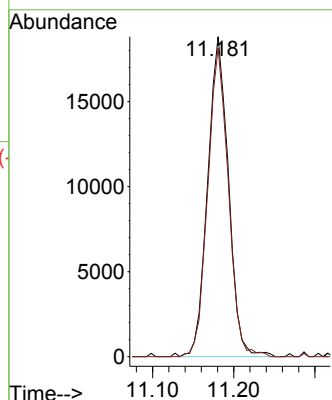
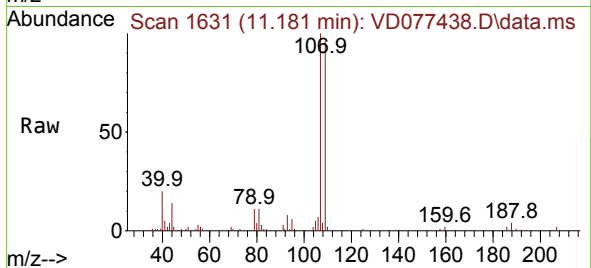
ClientSampleId :

Tgt Ion:107 Resp: 33462

Ion Ratio Lower Upper

107 100

109 95.7 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 10.258 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

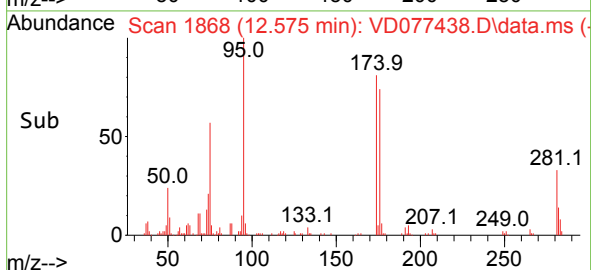
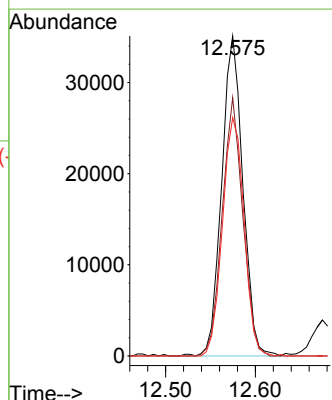
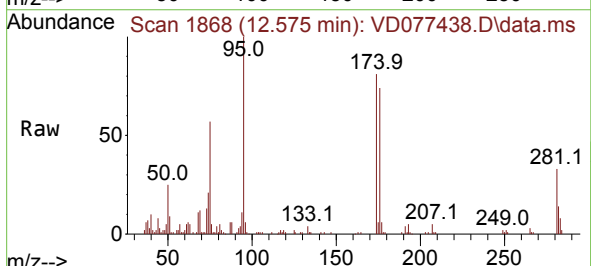
Tgt Ion: 95 Resp: 57526

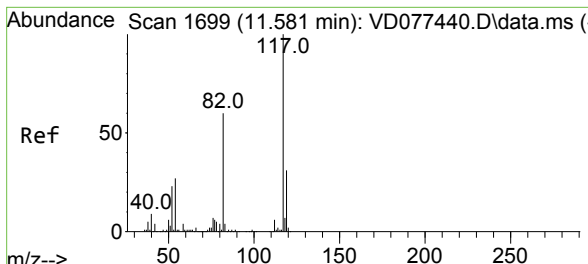
Ion Ratio Lower Upper

95 100

174 78.7 0.0 201.8

176 75.9 0.0 191.8

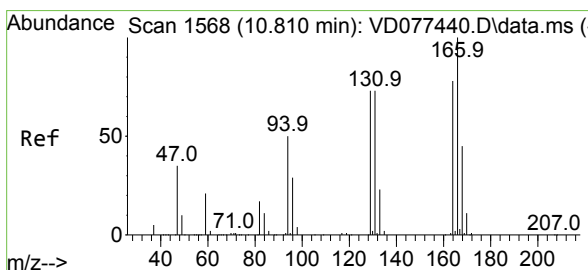
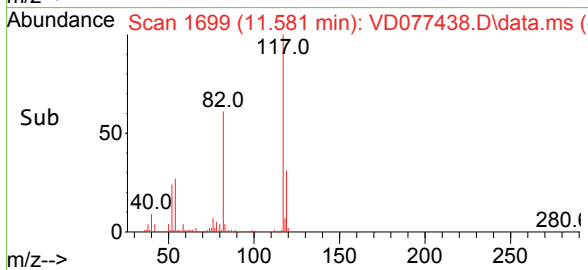
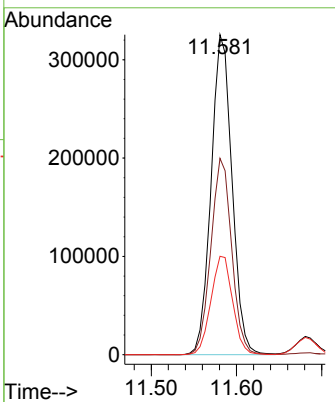
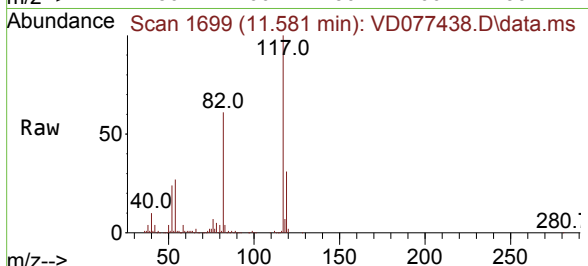




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. -0.000 min
 Lab File: VD077438.D
 Acq: 30 Oct 2023 10:14

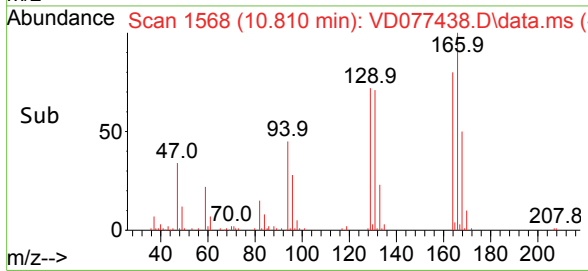
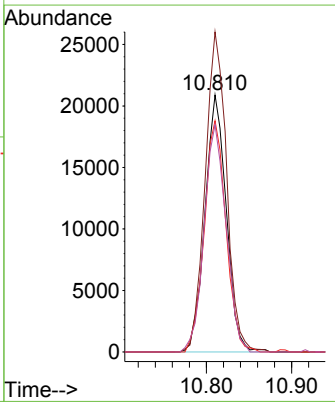
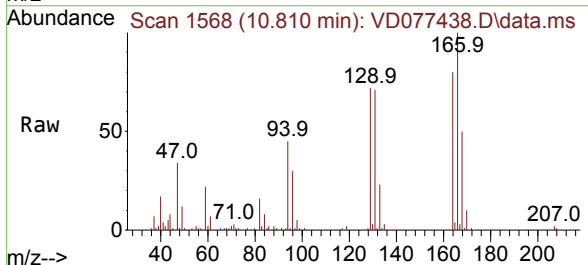
Instrument :
 MSVOA_D
 ClientSampleId :

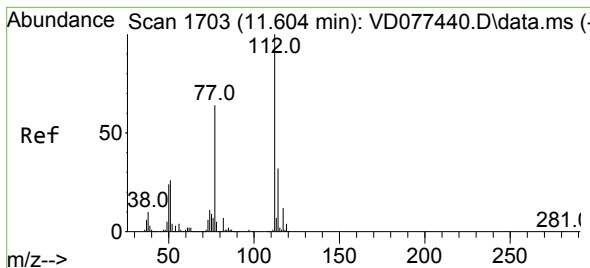
Tgt Ion:	117	Resp:	556043
Ion	Ratio	Lower	Upper
117	100		
82	61.3	38.3	57.5#
119	30.7	25.0	37.4



#64
 Tetrachloroethene
 Concen: 10.276 ug/l
 RT: 10.810 min Scan# 1568
 Delta R.T. -0.000 min
 Lab File: VD077438.D
 Acq: 30 Oct 2023 10:14

Tgt Ion:	164	Resp:	36380
Ion	Ratio	Lower	Upper
164	100		
166	124.5	99.2	148.8
129	89.9	68.4	102.6
131	88.4	63.8	95.8





#65

Chlorobenzene

Concen: 10.308 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

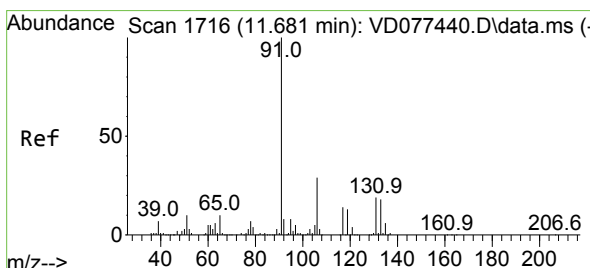
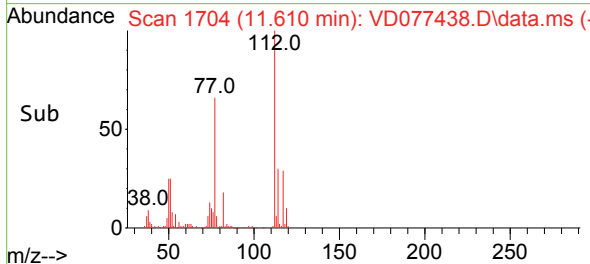
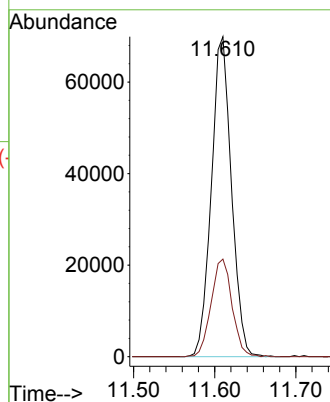
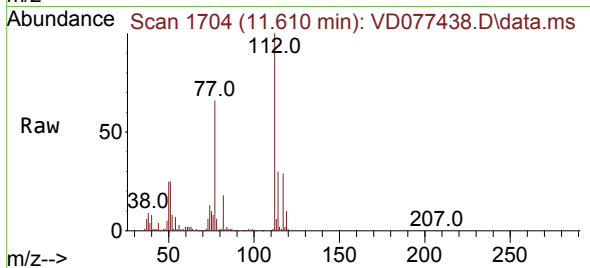
ClientSampleId :

Tgt Ion:112 Resp: 120077

Ion Ratio Lower Upper

112 100

114 30.5 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 10.042 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

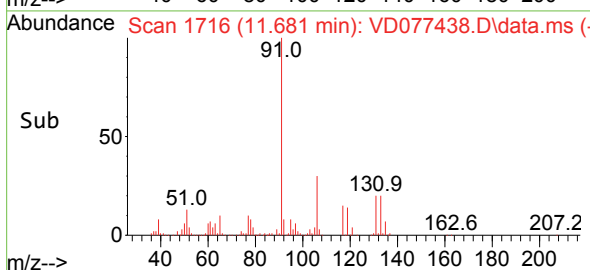
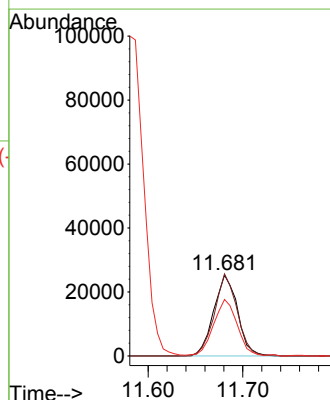
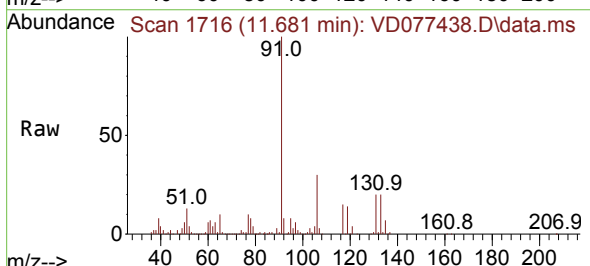
Tgt Ion:131 Resp: 44208

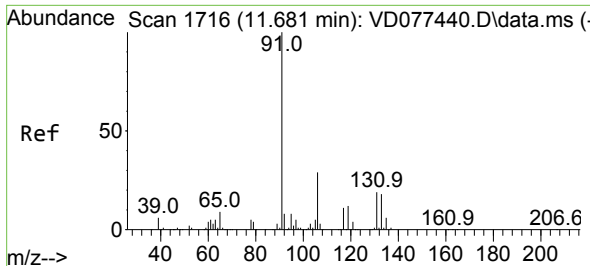
Ion Ratio Lower Upper

131 100

133 97.1 48.5 145.5

119 69.9 35.6 106.9

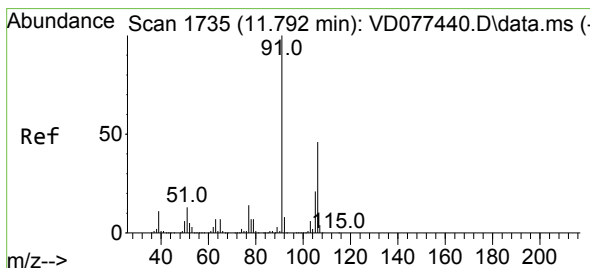
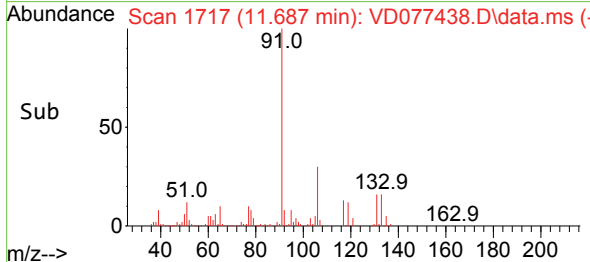
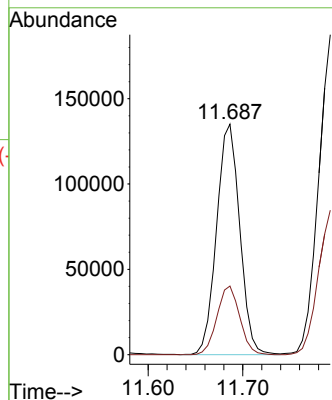
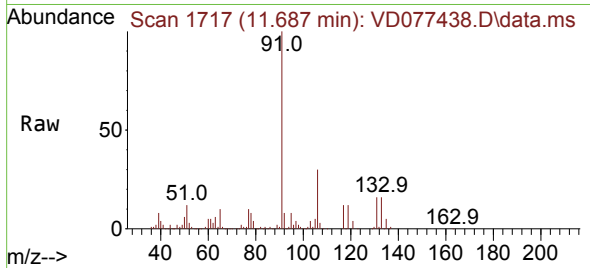




#67
Ethyl Benzene
Concen: 10.248 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

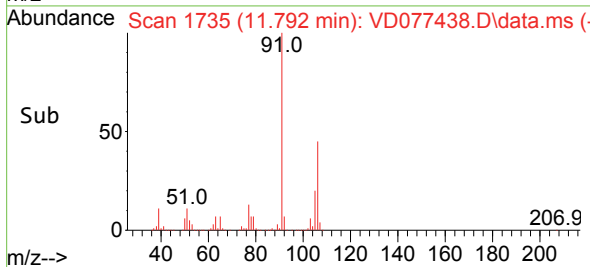
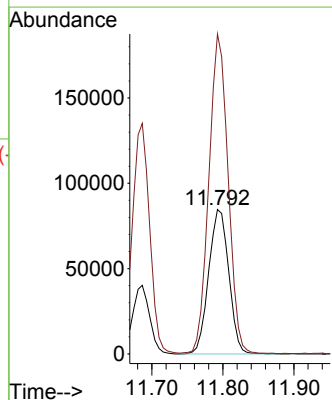
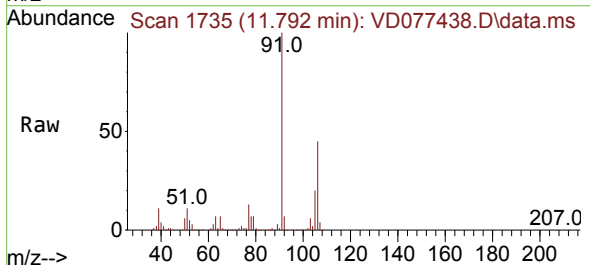
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 229702
Ion Ratio Lower Upper
91 100
106 29.7 26.5 39.7



#68
m/p-Xylenes
Concen: 20.557 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion:106 Resp: 166390
Ion Ratio Lower Upper
106 100
91 211.6 147.0 220.6

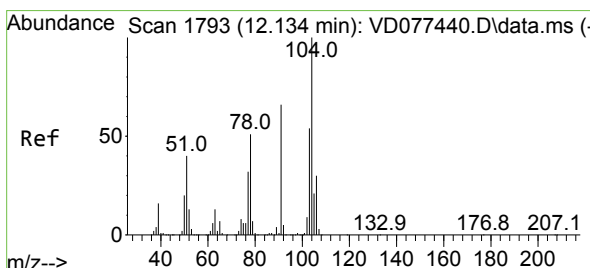
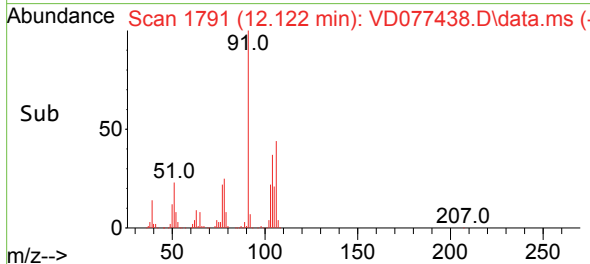
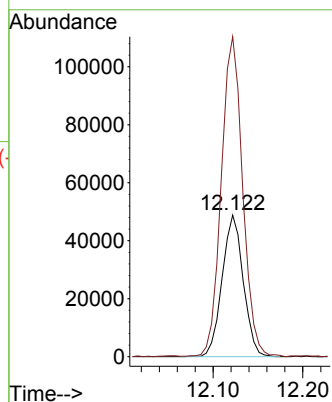
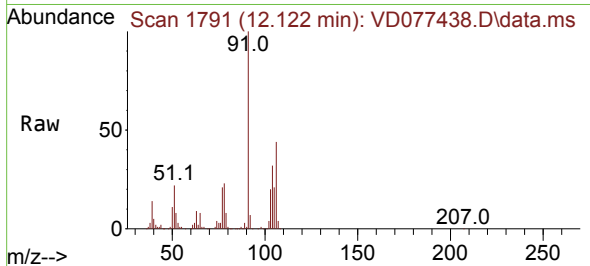




#69
o-Xylene
Concen: 10.286 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

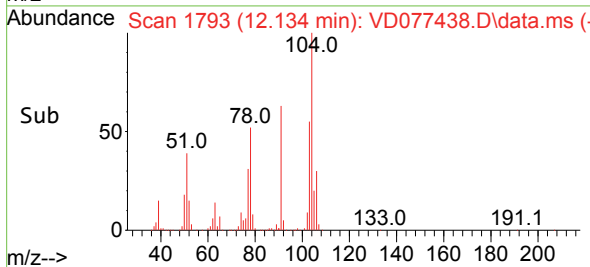
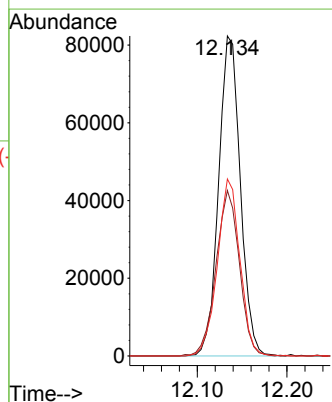
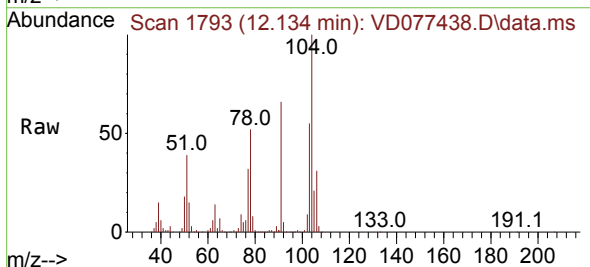
Instrument :
MSVOA_D
ClientSampleId :

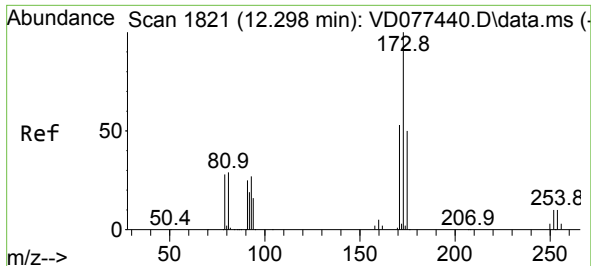
Tgt Ion:106 Resp: 79745
Ion Ratio Lower Upper
106 100
91 228.9 97.9 293.6



#70
Styrene
Concen: 10.344 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

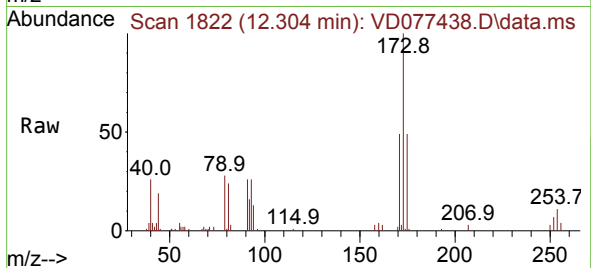
Tgt Ion:104 Resp: 138341
Ion Ratio Lower Upper
104 100
78 55.7 33.2 49.8#
103 57.4 43.6 65.4



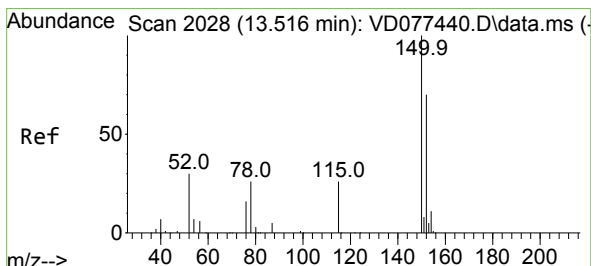
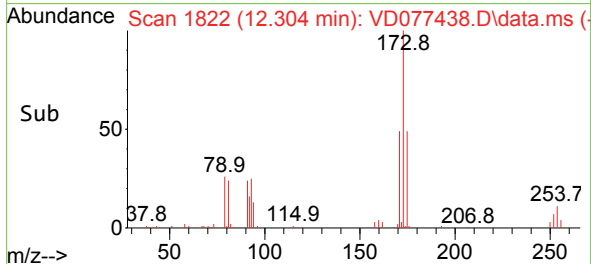
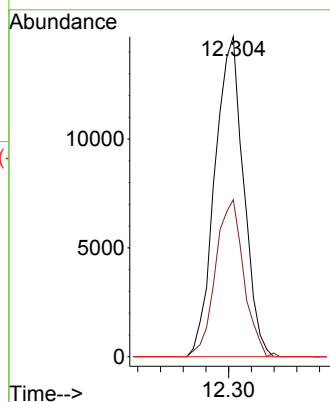


#71
Bromoform
Concen: 10.565 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Instrument :
MSVOA_D
ClientSampleId :

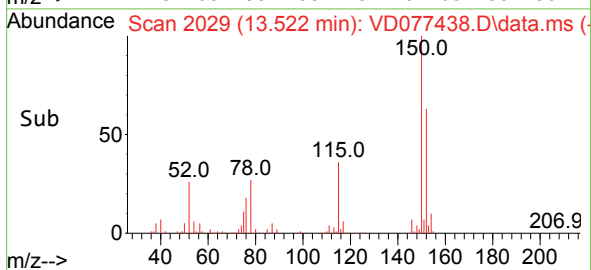
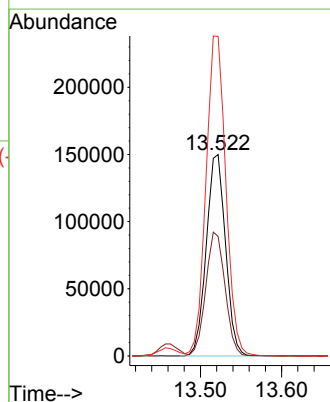
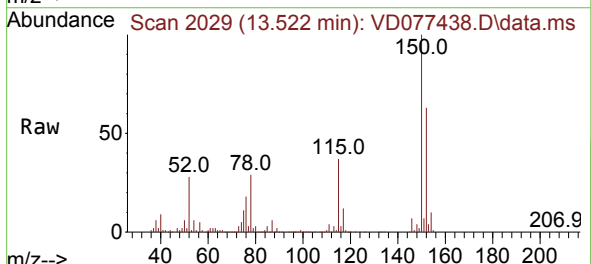


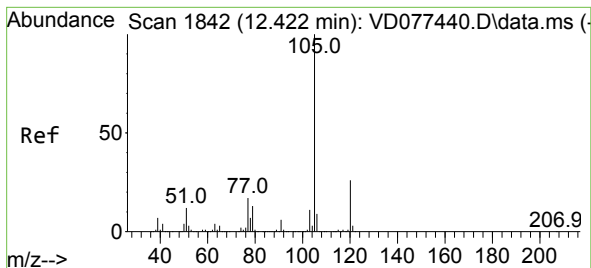
Tgt Ion:173 Resp: 25785
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion:152 Resp: 246666
Ion Ratio Lower Upper
152 100
115 61.6 27.1 81.3
150 163.8 0.0 353.6





#73

Isopropylbenzene

Concen: 10.615 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

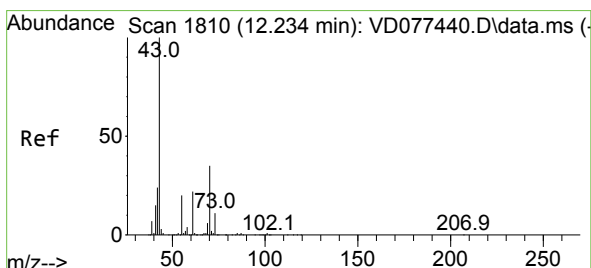
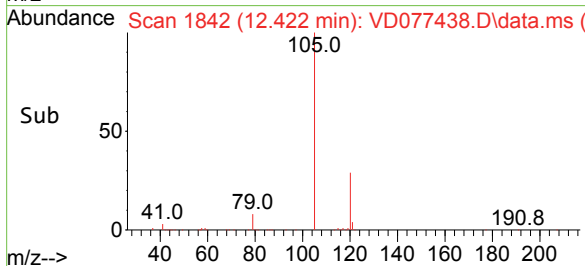
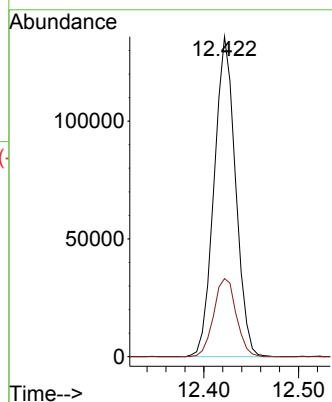
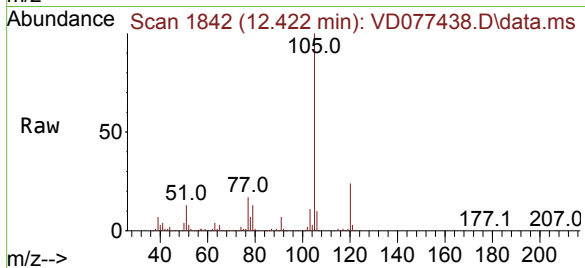
ClientSampleId :

Tgt Ion:105 Resp: 213471

Ion Ratio Lower Upper

105 100

120 25.7 14.3 42.9



#74

N-ethyl acetate

Concen: 10.401 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Tgt Ion: 43 Resp: 74089

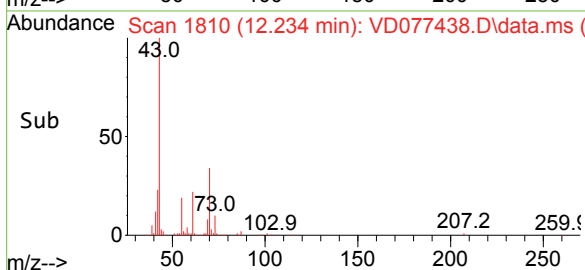
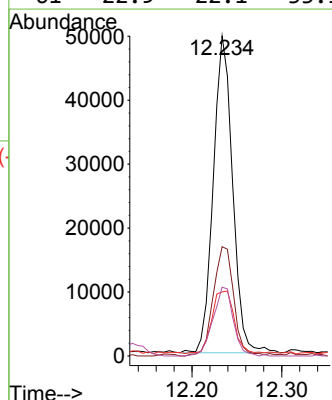
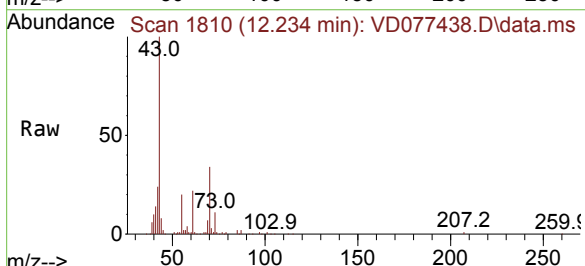
Ion Ratio Lower Upper

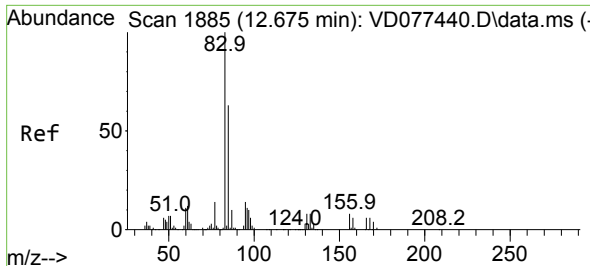
43 100

70 36.4 45.0 67.4#

55 22.9 23.8 35.6#

61 22.9 22.1 33.1

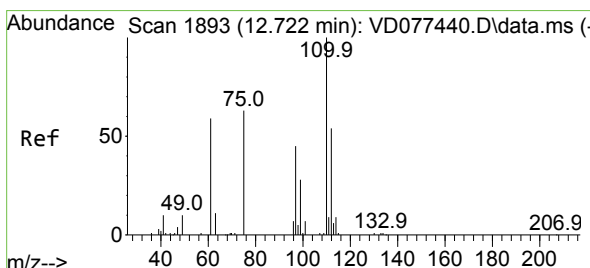
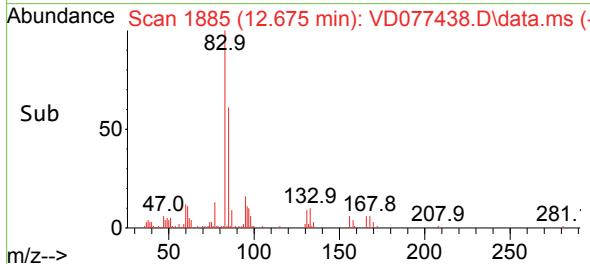
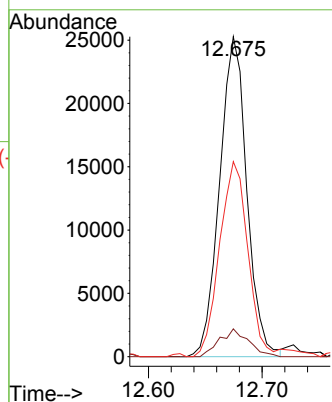
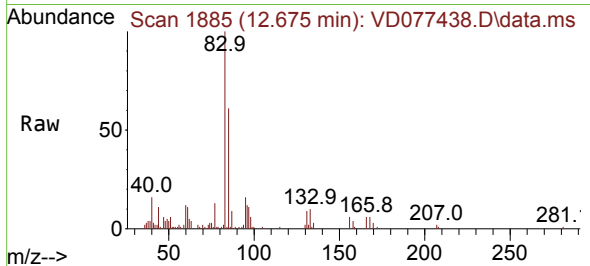




#75
 1,1,2,2-Tetrachloroethane
 Concen: 10.677 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD077438.D
 Acq: 30 Oct 2023 10:14

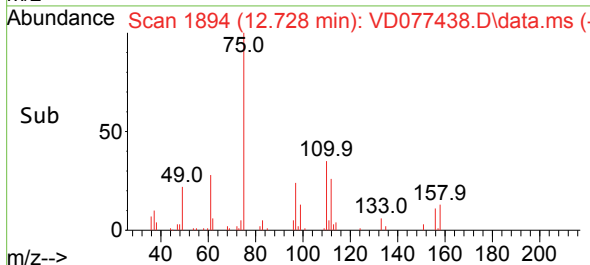
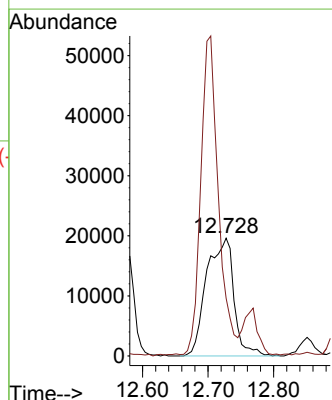
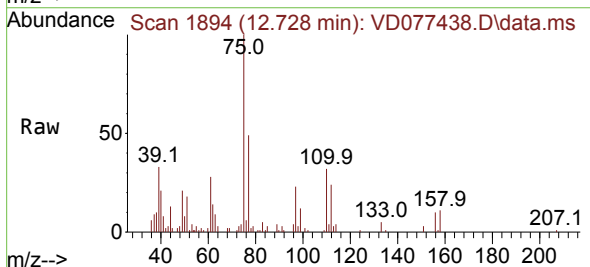
Instrument :
 MSVOA_D
 ClientSampleId :

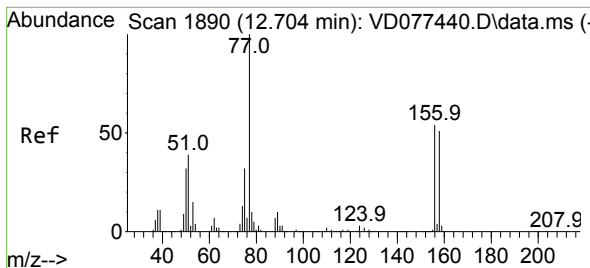
Tgt Ion: 83 Resp: 42090
 Ion Ratio Lower Upper
 83 100
 131 9.3 5.1 15.3
 85 62.8 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 17.218 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD077438.D
 Acq: 30 Oct 2023 10:14

Tgt Ion: 75 Resp: 56750
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.203 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VD077438.D

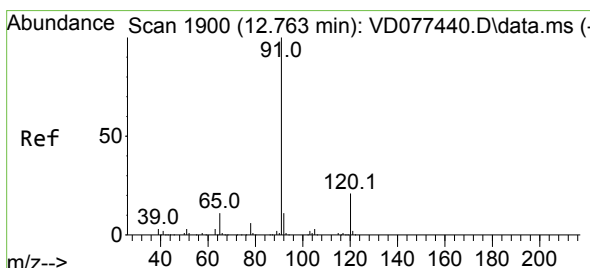
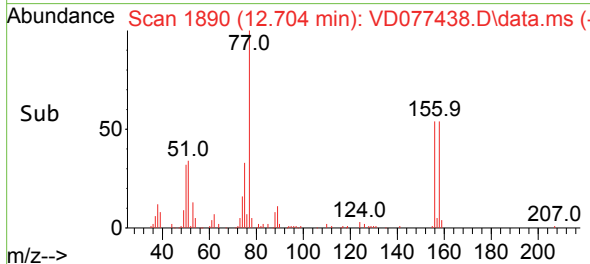
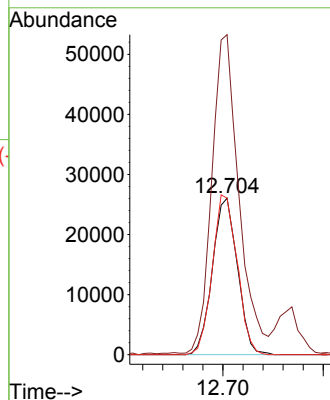
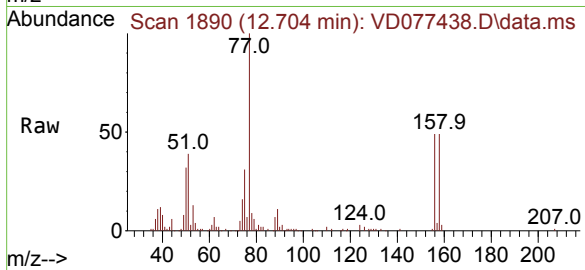
Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	156	Resp:	45166
Ion Ratio	Lower	Upper	
156	100		
77	220.5	76.8	230.4
158	101.2	48.6	145.9



#78

n-propylbenzene

Concen: 10.566 ug/l

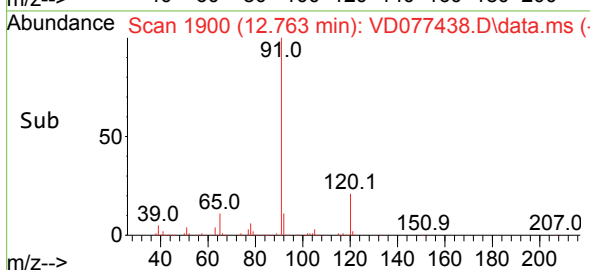
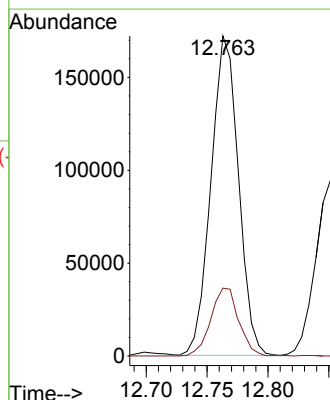
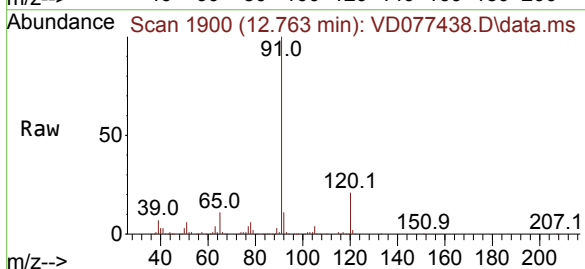
RT: 12.763 min Scan# 1900

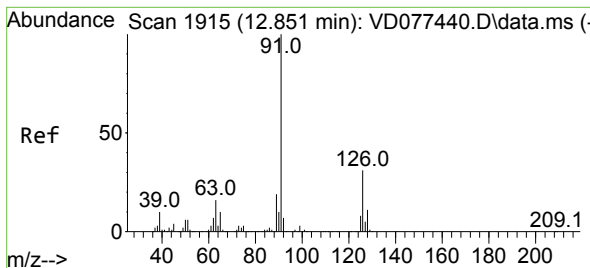
Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Tgt Ion:	91	Resp:	269800
Ion Ratio	Lower	Upper	
91	100		
120	21.6	12.4	37.2





#79

2-Chlorotoluene

Concen: 10.666 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

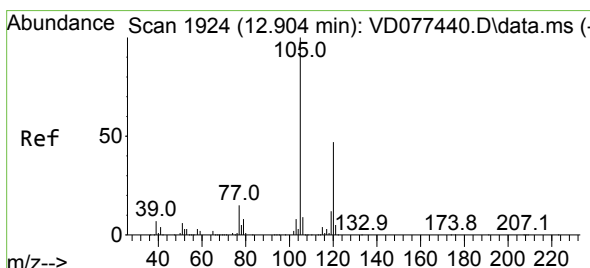
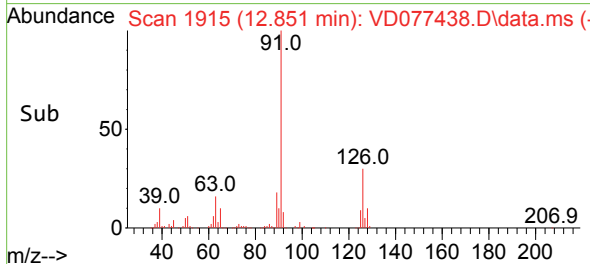
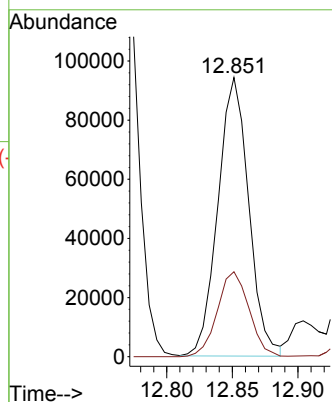
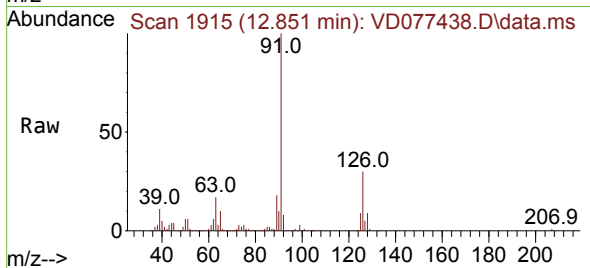
ClientSampleId :

Tgt Ion: 91 Resp: 154218

Ion Ratio Lower Upper

91 100

126 31.3 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 10.572 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD077438.D

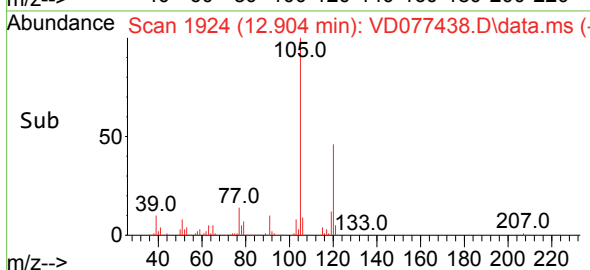
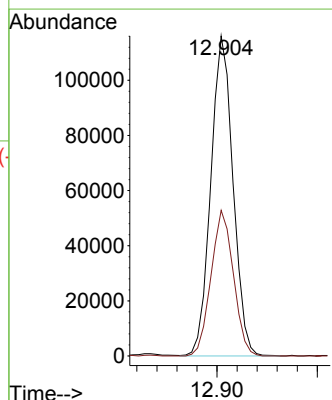
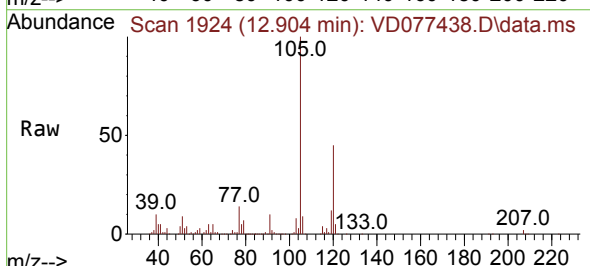
Acq: 30 Oct 2023 10:14

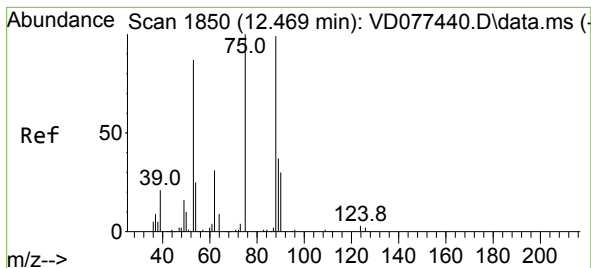
Tgt Ion:105 Resp: 178405

Ion Ratio Lower Upper

105 100

120 45.9 26.4 79.2

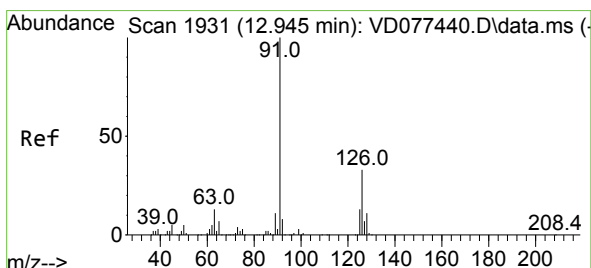
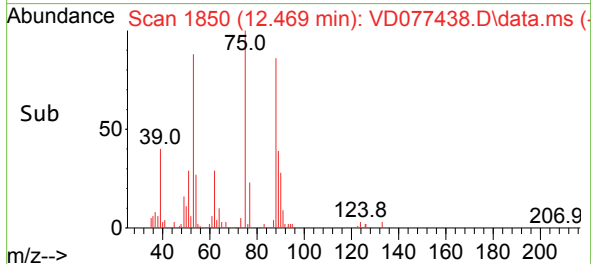
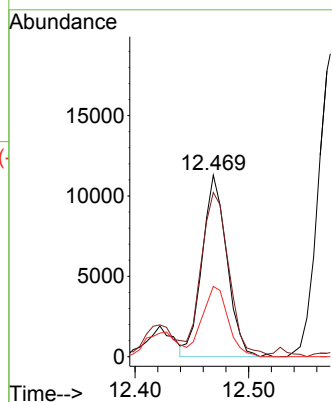
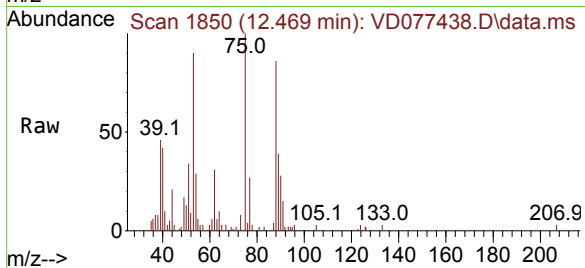




#81
trans-1,4-Dichloro-2-butene
Concen: 11.000 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

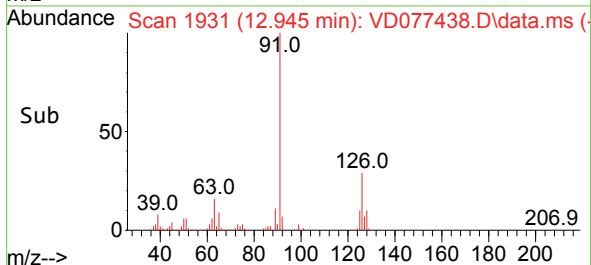
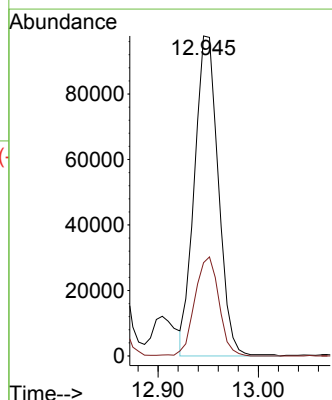
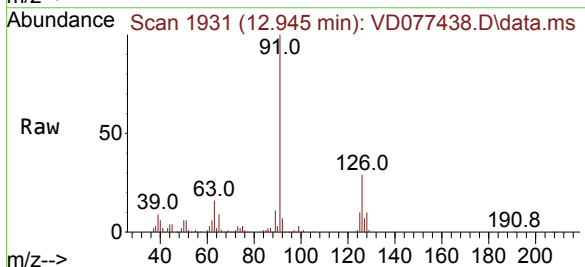
Instrument :
MSVOA_D
ClientSampleId :

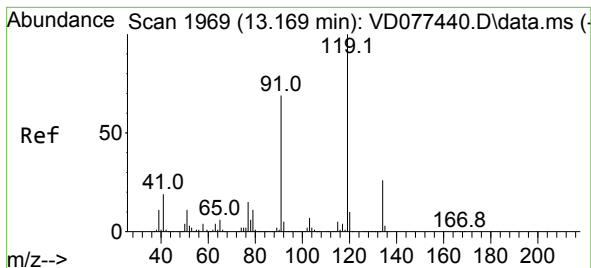
Tgt Ion: 75 Resp: 17096
Ion Ratio Lower Upper
75 100
53 97.1 63.0 94.4#
89 40.4 37.9 56.9



#82
4-Chlorotoluene
Concen: 10.755 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion: 91 Resp: 161974
Ion Ratio Lower Upper
91 100
126 31.3 19.4 58.4





#83

tert-Butylbenzene

Concen: 10.697 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

ClientSampleId :

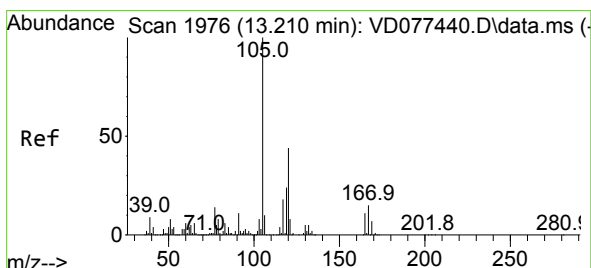
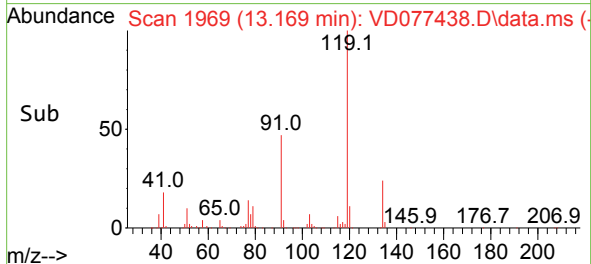
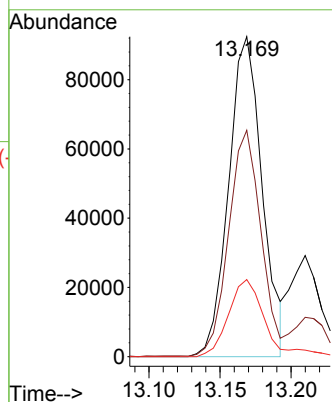
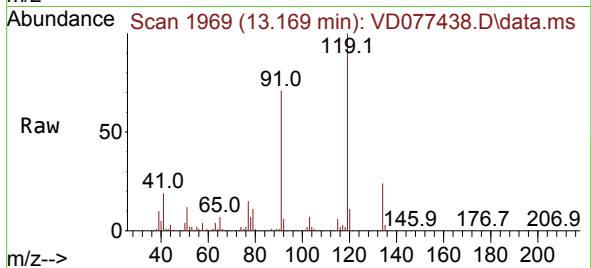
Tgt Ion:119 Resp: 151768

Ion Ratio Lower Upper

119 100

91 69.1 29.3 87.8

134 26.2 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 10.695 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD077438.D

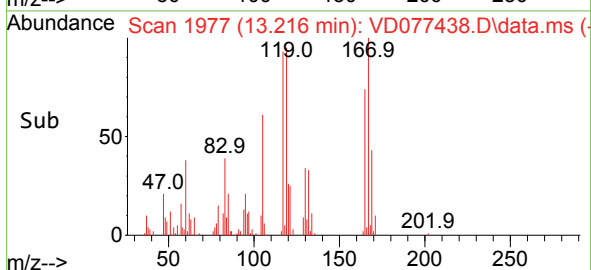
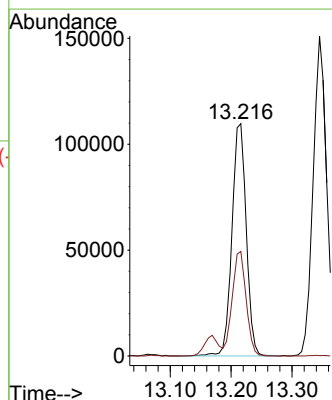
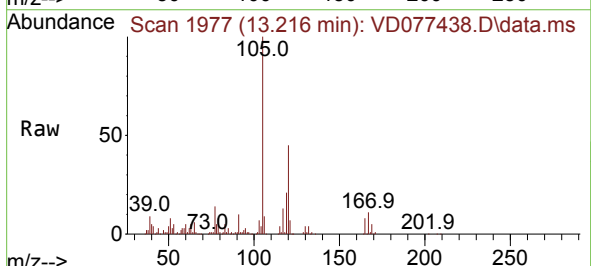
Acq: 30 Oct 2023 10:14

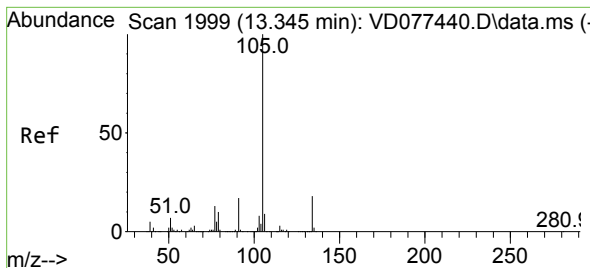
Tgt Ion:105 Resp: 179270

Ion Ratio Lower Upper

105 100

120 43.7 24.3 72.9





#85

sec-Butylbenzene

Concen: 10.705 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

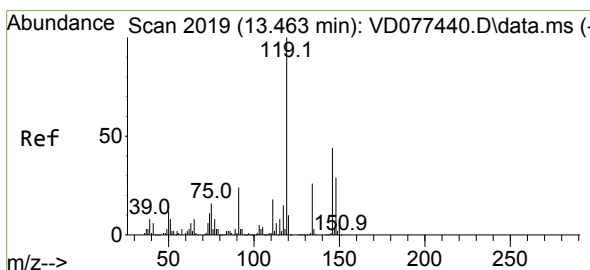
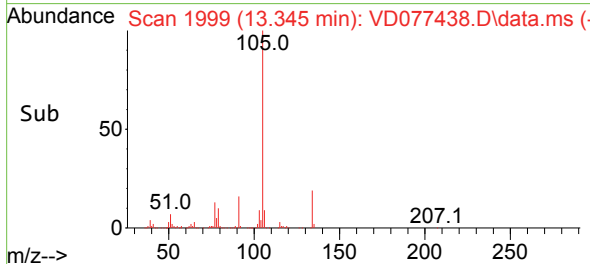
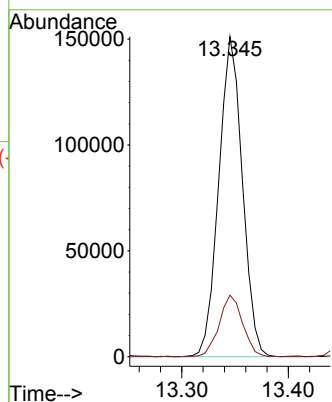
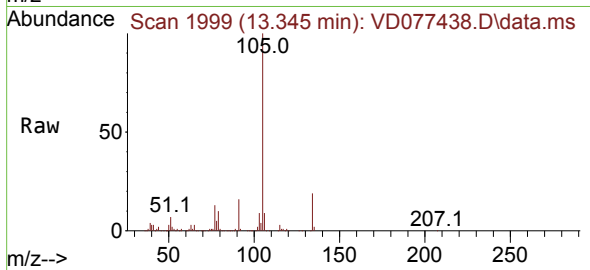
ClientSampleId :

Tgt Ion:105 Resp: 232374

Ion Ratio Lower Upper

105 100

134 19.1 10.9 32.9



#86

p-Isopropyltoluene

Concen: 10.642 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

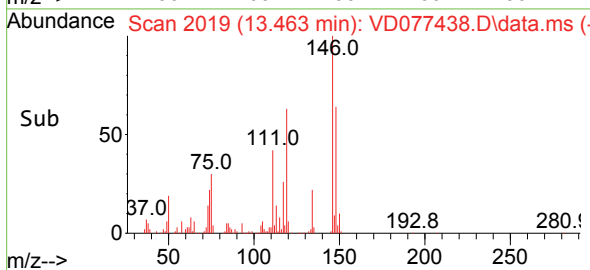
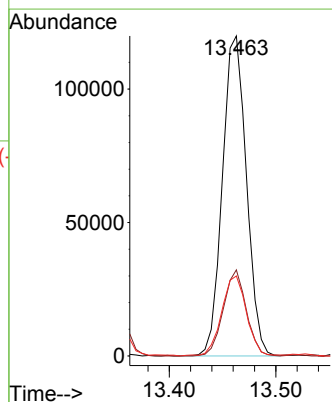
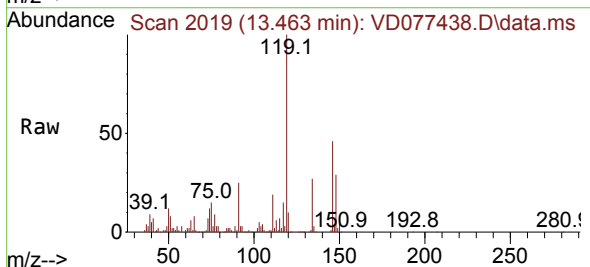
Tgt Ion:119 Resp: 187778

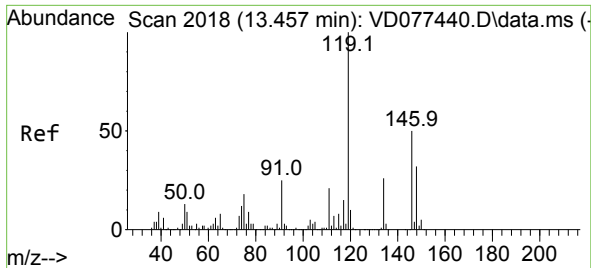
Ion Ratio Lower Upper

119 100

134 25.6 14.2 42.6

91 25.8 10.5 31.5

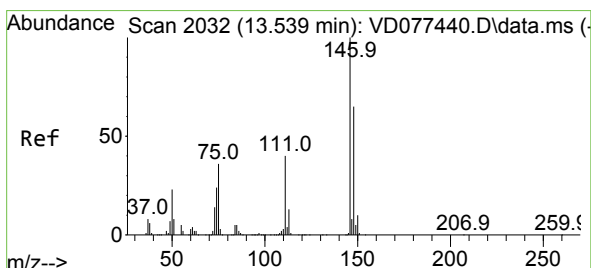
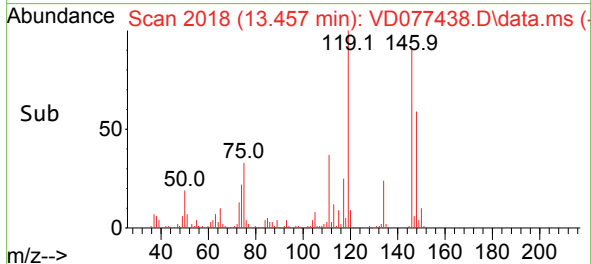
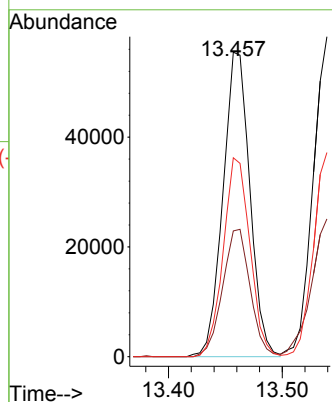
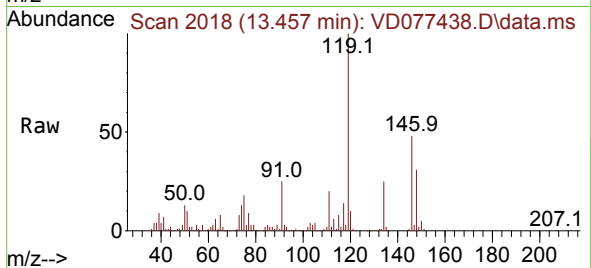




#87
1,3-Dichlorobenzene
Concen: 10.495 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

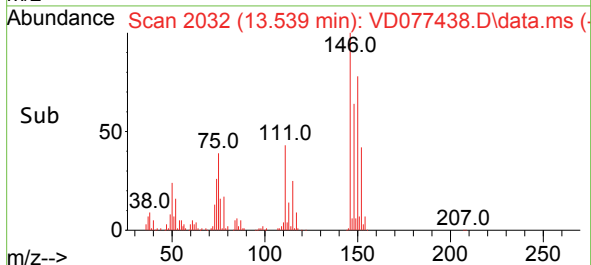
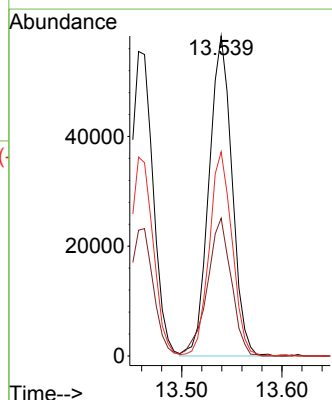
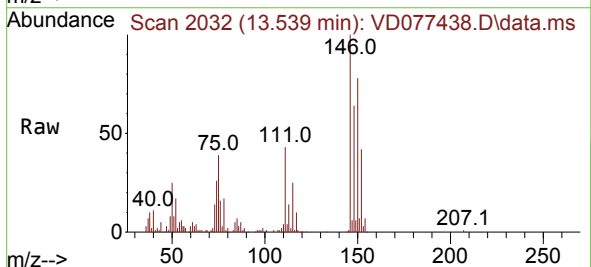
Instrument :
MSVOA_D
ClientSampleId :

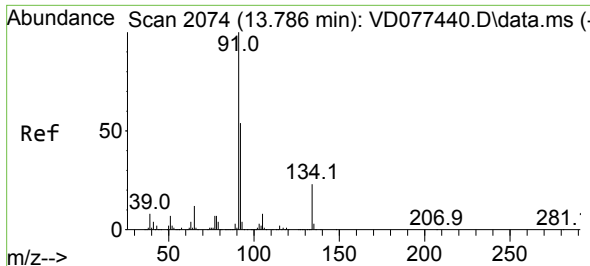
Tgt Ion:146 Resp: 91325
Ion Ratio Lower Upper
146 100
111 43.0 17.9 53.8
148 64.9 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 10.738 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

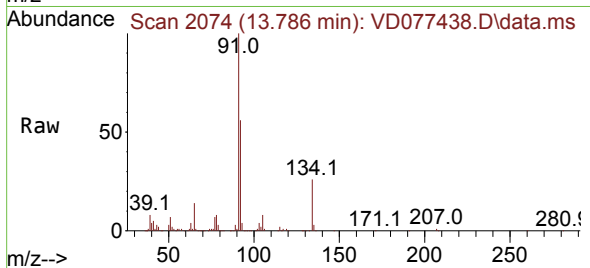
Tgt Ion:146 Resp: 93351
Ion Ratio Lower Upper
146 100
111 44.6 17.4 52.3
148 63.4 31.7 95.1



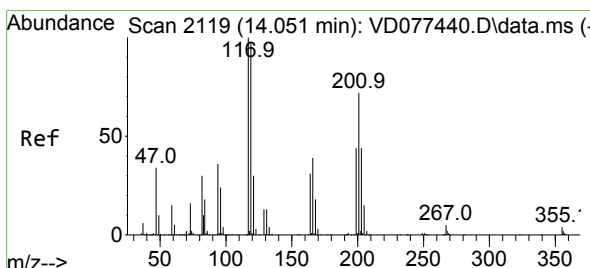
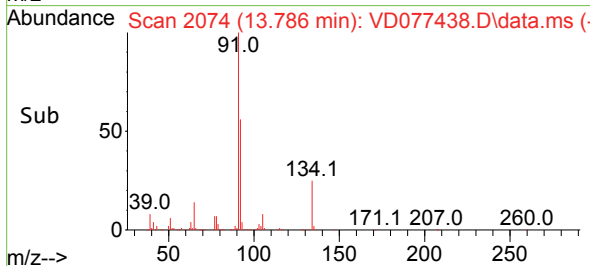
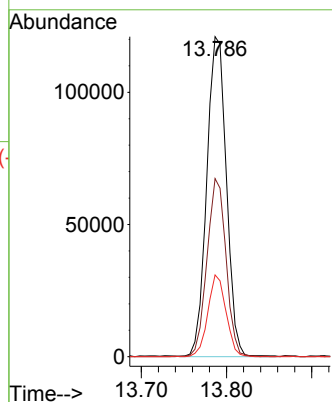


#89
n-Butylbenzene
Concen: 10.591 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Instrument :
MSVOA_D
ClientSampleId :

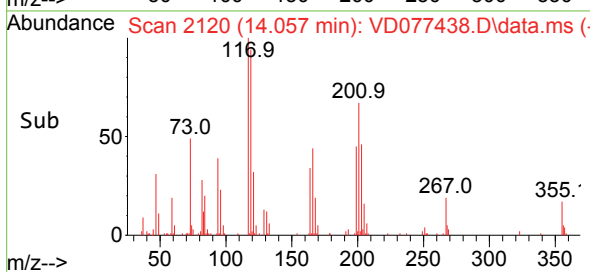
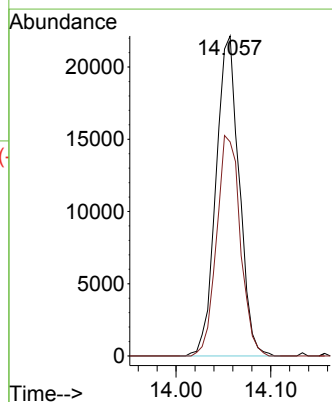
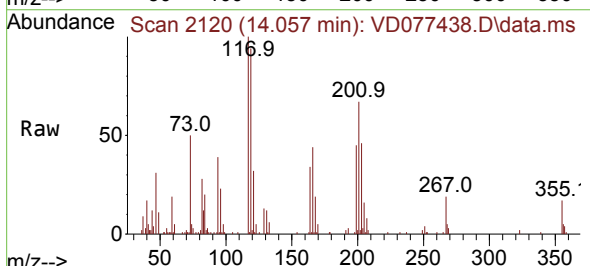


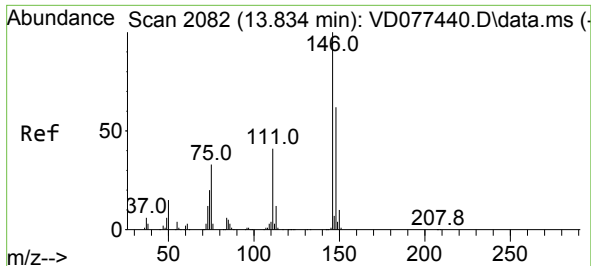
Tgt Ion: 91 Resp: 194239
Ion Ratio Lower Upper
91 100
92 53.9 26.5 79.5
134 23.6 13.8 41.3



#90
Hexachloroethane
Concen: 10.426 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion: 117 Resp: 37646
Ion Ratio Lower Upper
117 100
201 70.5 38.5 115.5

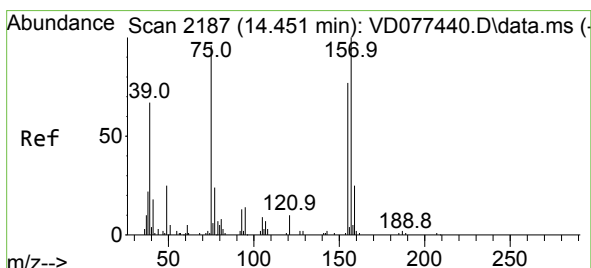
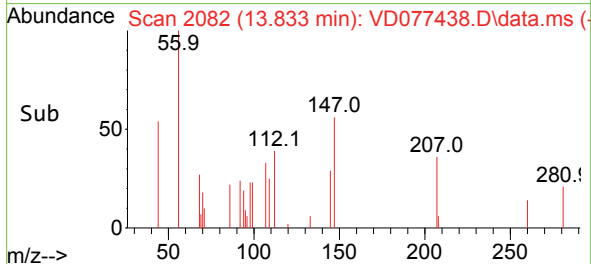
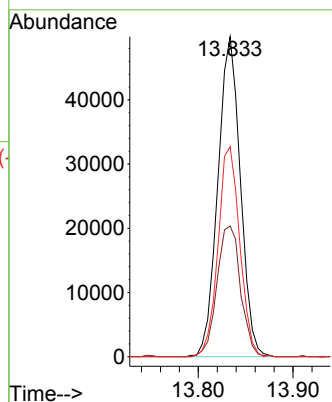
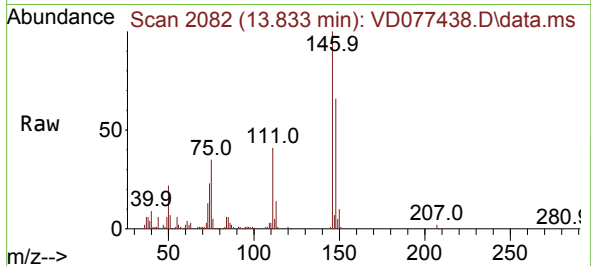




#91
 1,2-Dichlorobenzene
 Concen: 10.753 ug/l
 RT: 13.833 min Scan# 2082
 Delta R.T. -0.000 min
 Lab File: VD077438.D
 Acq: 30 Oct 2023 10:14

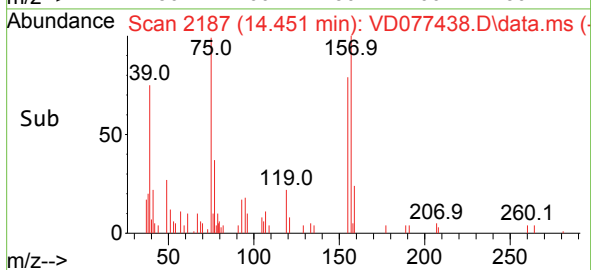
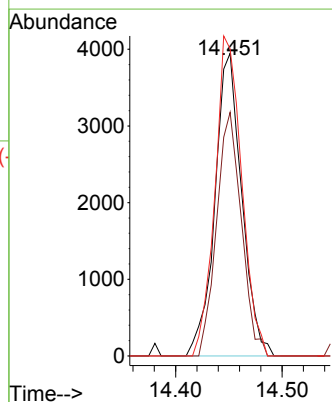
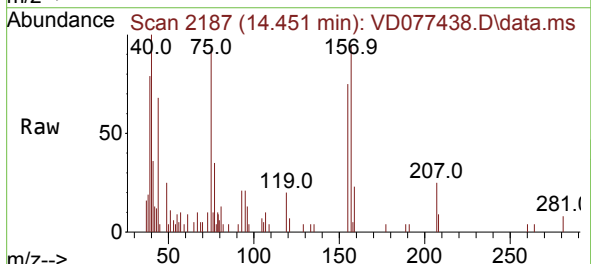
Instrument :
 MSVOA_D
 ClientSampleId :

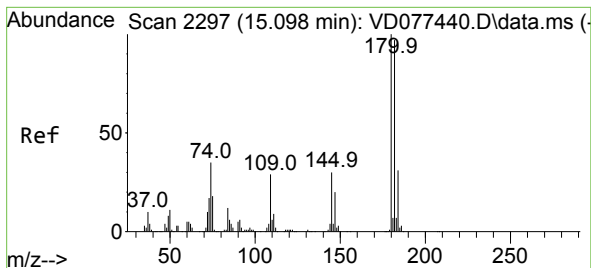
Tgt Ion:146 Resp: 82230
 Ion Ratio Lower Upper
 146 100
 111 43.0 18.3 54.8
 148 63.3 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.426 ug/l
 RT: 14.451 min Scan# 2187
 Delta R.T. -0.000 min
 Lab File: VD077438.D
 Acq: 30 Oct 2023 10:14

Tgt Ion: 75 Resp: 6924
 Ion Ratio Lower Upper
 75 100
 155 74.1 47.9 143.8
 157 104.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 10.571 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

Instrument :

MSVOA_D

ClientSampleId :

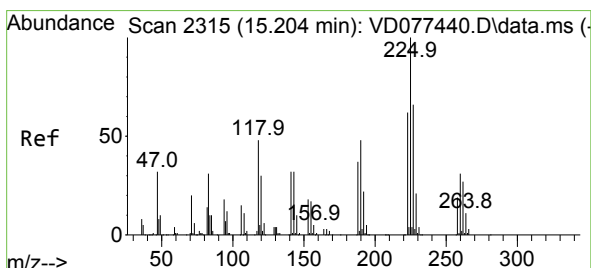
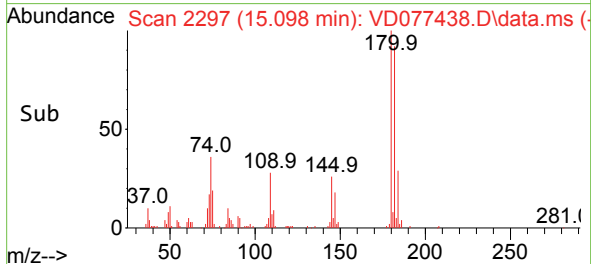
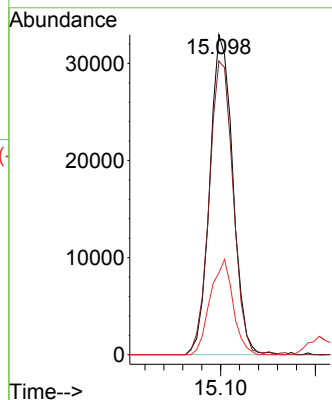
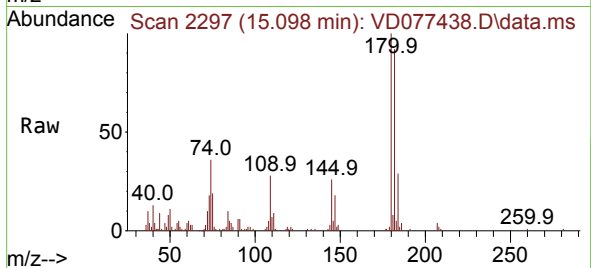
Tgt Ion:180 Resp: 55534

Ion Ratio Lower Upper

180 100

182 95.2 48.5 145.6

145 29.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 10.669 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD077438.D

Acq: 30 Oct 2023 10:14

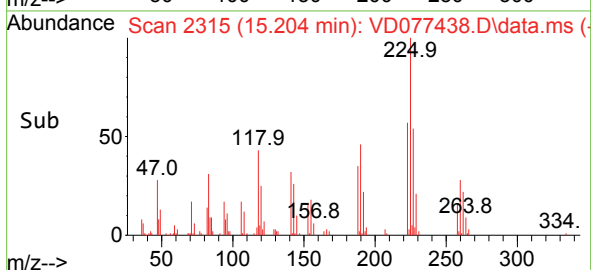
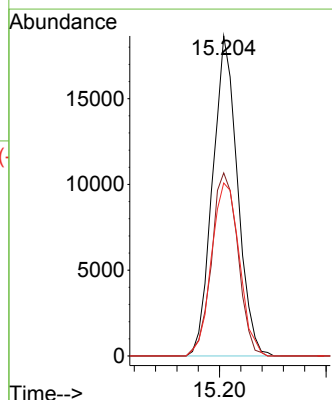
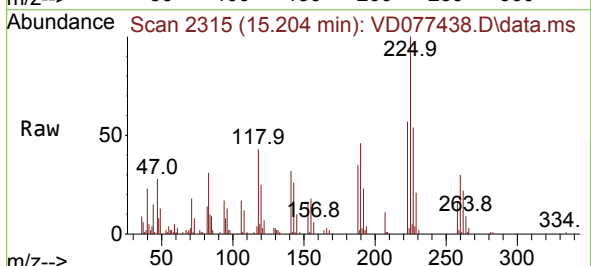
Tgt Ion:225 Resp: 30233

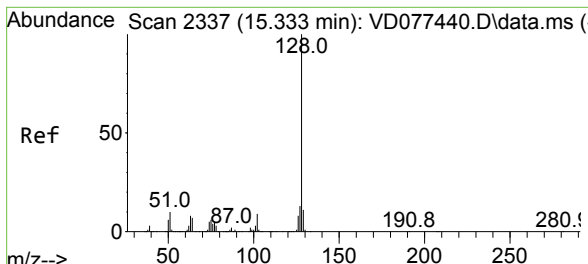
Ion Ratio Lower Upper

225 100

223 60.5 31.6 94.8

227 60.5 31.7 95.1

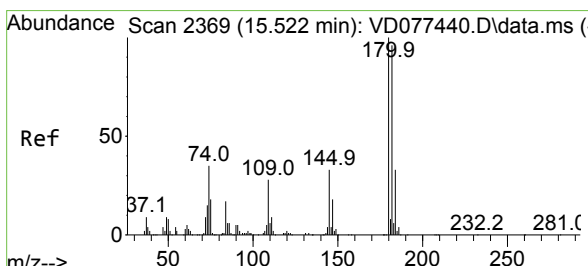
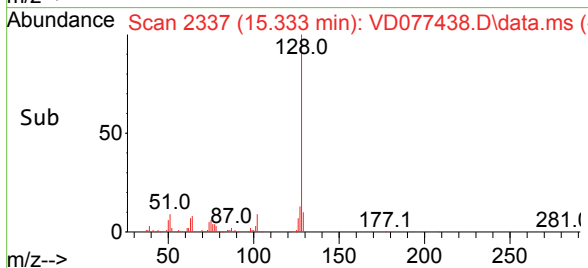
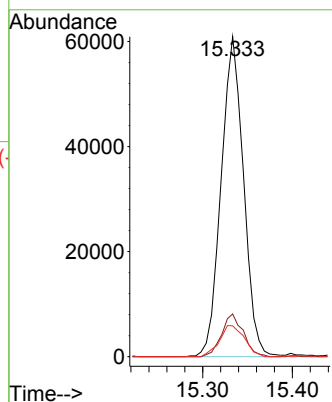
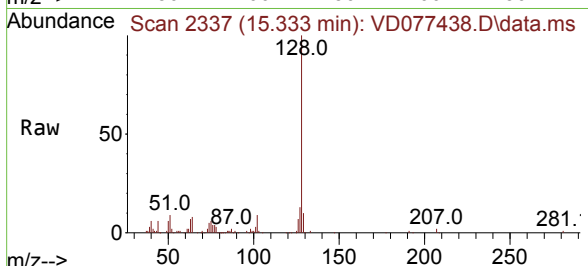




#95
Naphthalene
Concen: 10.537 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp: 105595
Ion Ratio	Lower Upper
128	100
127	13.4 10.5 15.7
129	9.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 10.373 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD077438.D
Acq: 30 Oct 2023 10:14

Tgt Ion:180	Resp: 47037
Ion Ratio	Lower Upper
180	100
182	96.1 47.3 141.9
145	32.7 15.1 45.3

